

003003.00

Task 4

July 21, 2005

Ms. Kasey Ashley
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A,
Santa Rosa, CA 95403

Dear Ms. Ashley:

**SUBJECT: SECOND-QUARTER 2005 GROUNDWATER MONITORING FOR
THE OLD DAIRY PLANT, CRESCENT CITY, CALIFORNIA**

Introduction

On behalf of Mr. Lowell Syrstad, this letter presents the results of second-quarter 2005 groundwater monitoring performed by Lawrence & Associates (L&A) on June 15, 2005, at the Old Dairy Plant site, 450 Seventh Street, Crescent City, California (**Figure 1**). This letter fulfills quarterly groundwater monitoring requirements set forth in *California Code of Regulations (CCR) Title 23 §2652 (d)* for underground storage tank sites with petroleum contamination in groundwater.

Groundwater samples were collected from monitoring wells MW-1 through MW-8. Samples were tested for total petroleum hydrocarbons as gasoline (TPH-gasoline); TPH-diesel; TPH-motor oil; benzene, toluene, ethylbenzene, and total xylenes (BTEX); tert-butyl alcohol (TBA), methyl tert-butyl ether (MTBE), diisopropyl alcohol (DIPE), ethyl-tert-butyl ether (ETBE), and tert-amylmethyl ether (TAME). Because of their close proximity to the former bunker fuel tank, additional samples were collected from MW-6 and MW-7 and analyzed for Bunker Oil C and polynuclear aromatic hydrocarbons (PNA's).

Findings

The groundwater gradient on June 15, 2005, was generally towards the south with a magnitude of 0.014 feet/foot (**Table 1; Figure 2**).

TPH-gasoline and BTEX were detected in monitoring well MW-8. TPH-gasoline also was detected in MW-1 and MW-6 (**Table 2; Figure 3**). MW-6 also was above detection limits for ethylbenzene.

Groundwater samples MW-6 and MW-7 were below detection levels for Bunker Oil C and PNA's.

Conclusions

The extent of groundwater contamination at the site is roughly defined by the existing monitoring-well network.

The majority of groundwater contamination at the site is located adjacent to the former 1,000-gallon underground gasoline tank located in the center of the site in MW-8 (**Figure 3**). There has been a significant decrease in gasoline and BTEX constituents in MW-8 since the well was installed in March 2004 (**Attachment A**).

Recommendations

The current monitoring-well network should continue to be monitored on a quarterly basis to further evaluate seasonal variations and trends of groundwater gradient and contaminant concentrations.

Since soil and groundwater samples collected from soil borings SB-13 and SB-14, and monitoring wells MW-6 and MW-7 were non-detect for TPH-motor oil in February 2003, and Bunker Oil C has never been detected in groundwater samples MW-6 and MW-7, Bunker Oil C should be removed from the quarterly groundwater-monitoring program.

The overexcavation of the former bunker oil tank location should be performed immediately. L&A is currently waiting on Mr. Syrstad's contractor, Evans Construction, Inc. to schedule soil removal.

Groundwater monitoring

Water levels were measured in all monitoring wells on June 15, 2005, using an Actat Model 300 electric well probe and the groundwater elevations recorded to the nearest 0.01 foot below the top of well casing (**Table 1; Figure 2**). The sounder was decontaminated before and after use in each well.

Prior to sampling, the monitoring wells were purged until the field parameters had stabilized. The wells were sampled using a peristaltic pump with disposable tubing. The purged water was placed in a 55-gallon steel barrel and stored onsite. Groundwater samples were collected from the pump's discharge tube directly into sample bottles provided by the laboratory. The samples were placed on ice in a cooler, and transported under chain-of-custody to Shasta Analytical Laboratory in Redding, California for analyses.

Table 1 presents the stabilized field readings of groundwater samples collected on June 15, 2005.

Table 1
Groundwater Depths, Elevations, & Stabilized Field Parameters
(June 15, 2005)

Well	Top of casing elev., ft	Groundwater depth, ft	Groundwater elevation, ft	Temp., C°	pH, pH units	EC, µS/cm	Turbidity, NTU	Dissolved O ₂ , mg/L
MW-1	35.61	3.91	31.70	16.0	6.48	199	60	0.90
MW-2	37.41	4.14	33.27	16.2	6.46	121	100	7.94
MW-3	37.46	4.22	33.24	15.7	6.35	192	55	4.67
MW-4	36.61	3.71	32.90	17.1	6.14	147	28	0.28
MW-5	35.57	3.76	31.81	17.9	6.45	451	230	0.16
MW-6	37.38	4.86	32.52	15.8	6.40	165	29	0.58
MW-7	37.21	4.91	32.30	15.7	6.06	144	50	0.63
MW-8	36.71	3.76	32.95	16.1	7.28	632	13	0.30

Table 2 presents laboratory analyses of groundwater samples collected on June 15, 2005.

Table 2
Groundwater Analytical Results
(June 15, 2005)

Sample	TPH Gasoline	TPH Diesel	TPH Motor Oil	B	T	E	X	8260 oxygenates					
								TBA	MTBE	DIPE	ETBE	TAME	
								mg/L	µg/L	µg/L			
MW-1	0.09	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-2	<0.05	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	<0.05	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-4	<0.05	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-5	<0.05	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-6	0.22	<0.05	<0.175	<0.50	<0.50	1.9	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-7	<0.05	<0.05	<0.175	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
MW-8	13	<0.05	<0.175	73	2,100	200	1,400	<10	<5.0	<5.0	<5.0	<5.0	<5.0

Notes: µg/L = parts per billion (ppb); mg/L = parts per million (ppm). Samples MW-6 and MW-7 were non-detect for Bunker Oil C and PNA's.

Summary tables and time-series graphs of groundwater elevations, TPH-gasoline, TPH-diesel, BTEX, and MTBE concentrations are presented in **Attachment A**.

Laboratory data sheets, chain-of-custody form, and chromatograms are presented in **Attachment B** and the L&A field data sheets showing the multiple field readings are presented in **Attachment C**.

Please call me or David Kirk at (530) 244-9703 if you have any questions regarding this report.

Sincerely,



Scott Brooks
Staff Hydrogeologist



David L. Kirk
Senior Geologist RG 6673

Figure 1: Site-Location Map

Figure 2: Groundwater Elevation Map, June 15, 2005

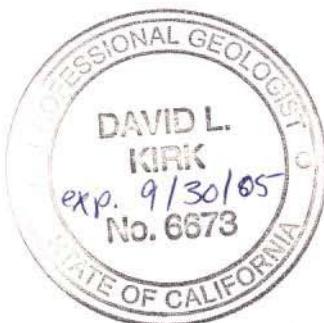
Figure 3: TPH-Gasoline Concentrations in Groundwater, June 15, 2005

Attachment A: Summary-Data Tables; Time-Series Graphs of Groundwater elevations, TPH-Gasoline, TPH-Diesel, BTEX, and MTBE Concentrations

Attachment B: Laboratory Reports, Chromatograms, and Chain-of-Custody Forms

Attachment C: L&A Field Data Sheets

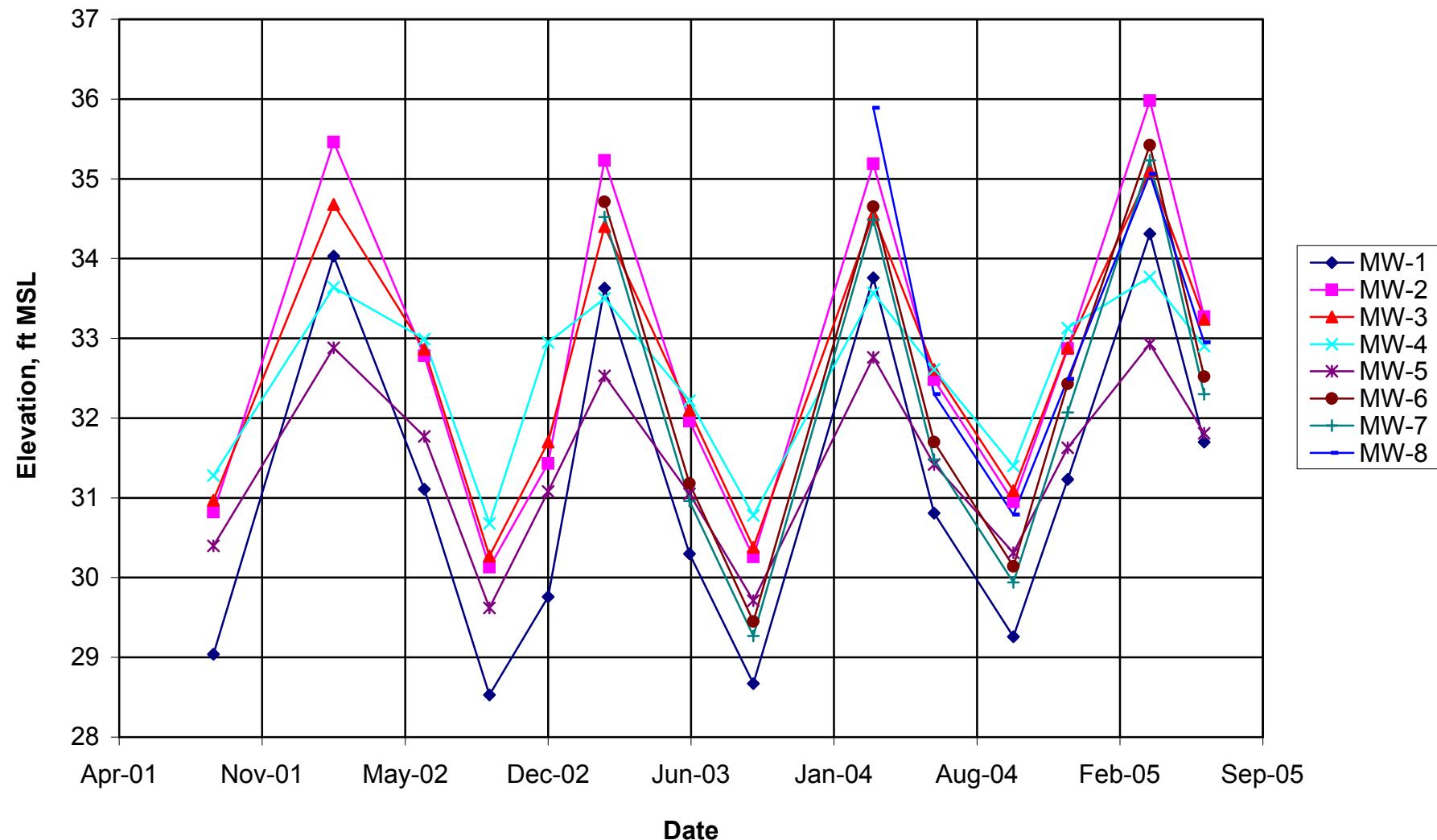
cc: Mr. Lowell Syrstad, Owner
Mr. Leon Perreault, DNCDHSS



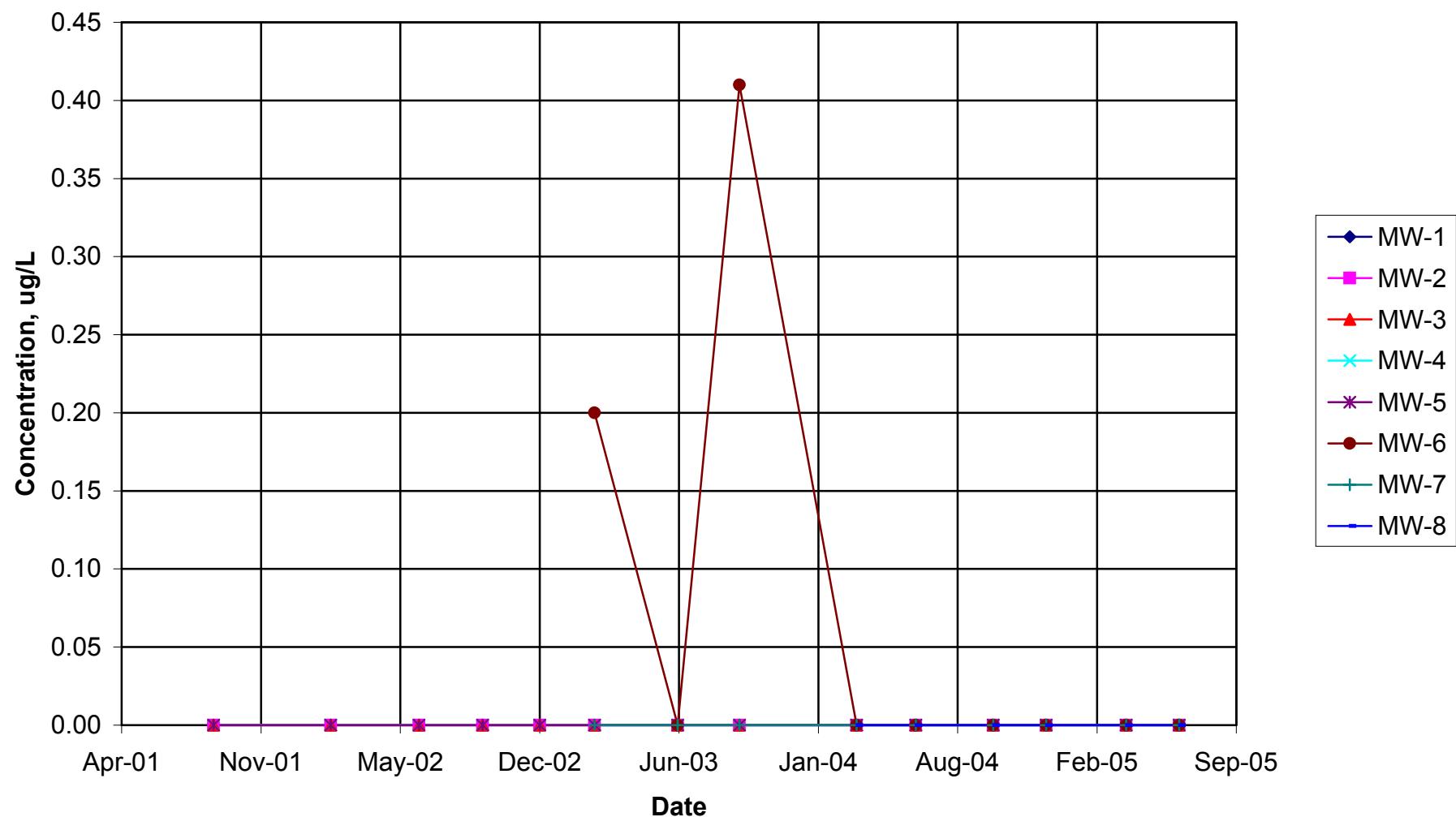
Attachment A
Summary-Data Tables; Time-Series Graphs of Groundwater Elevations, TPH-gasoline, TPH-diesel, BTEX, and MTBE Concentrations

Groundwater Elevations vs. Time

Old Dairy Site - Crescent City, California

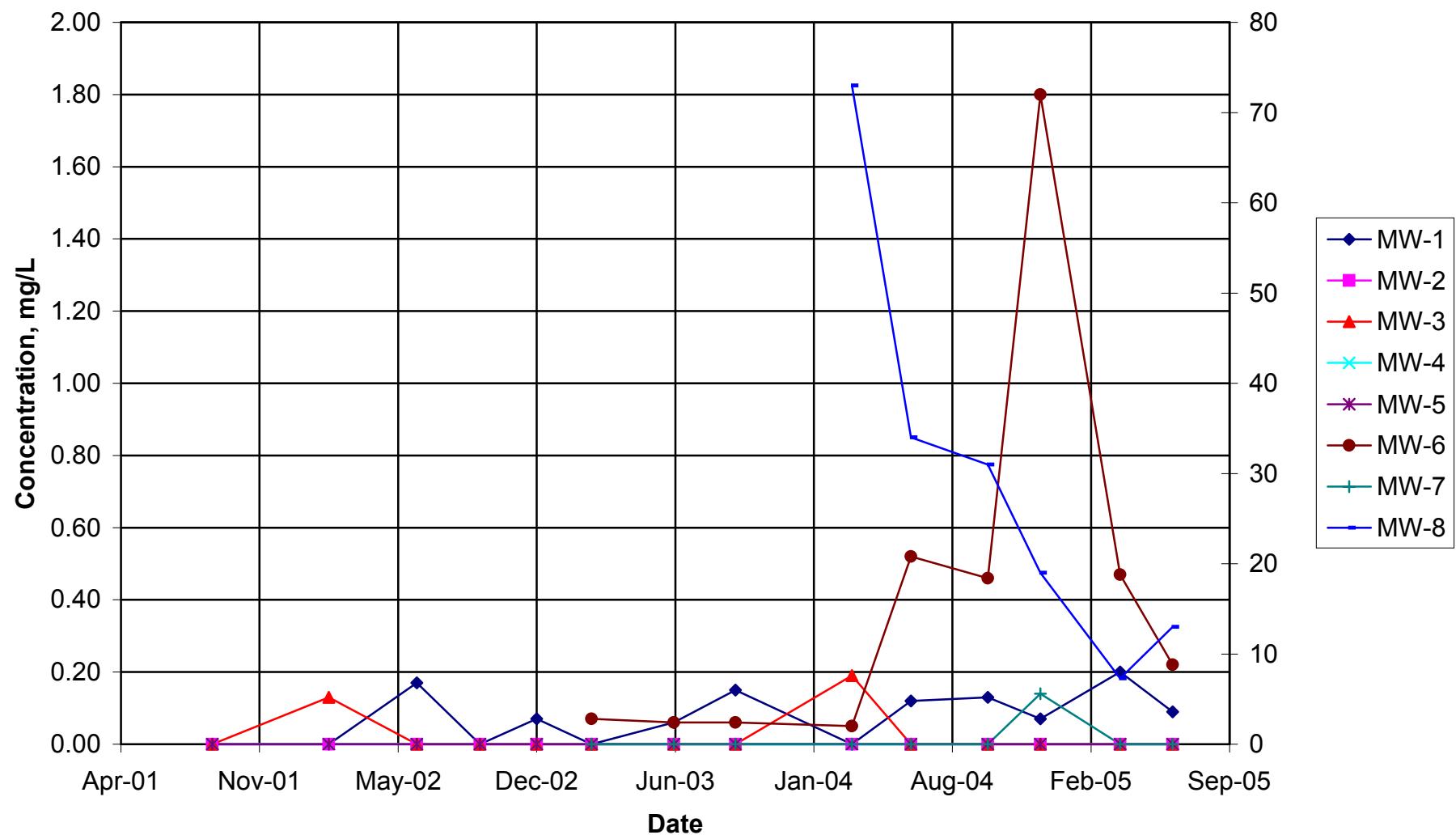


TPH-Diesel Concentrations vs. Time Old Dairy Site - Crescent City, California



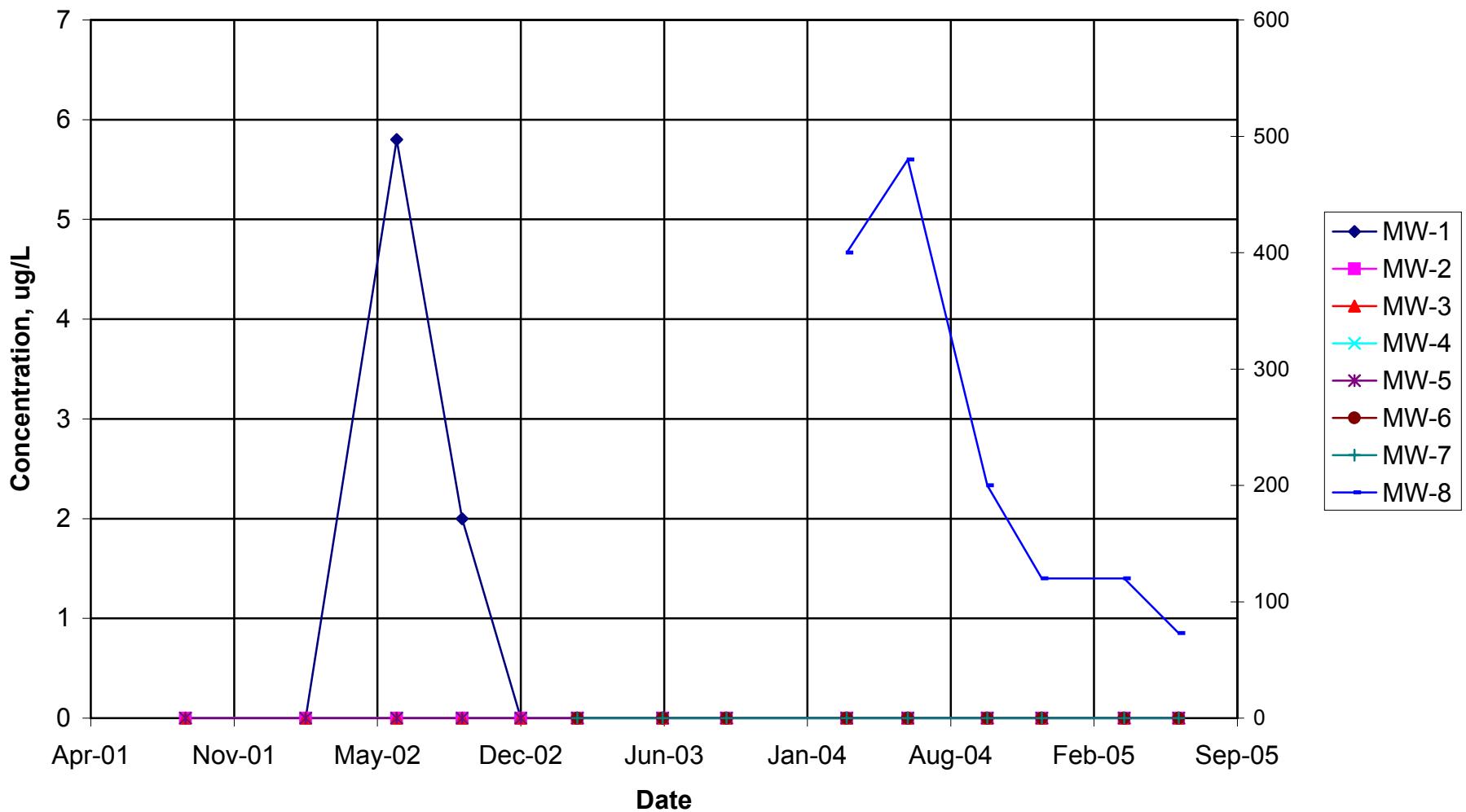
TPH-Gasoline Concentrations vs. Time

Old Dairy Site - Crescent City, California



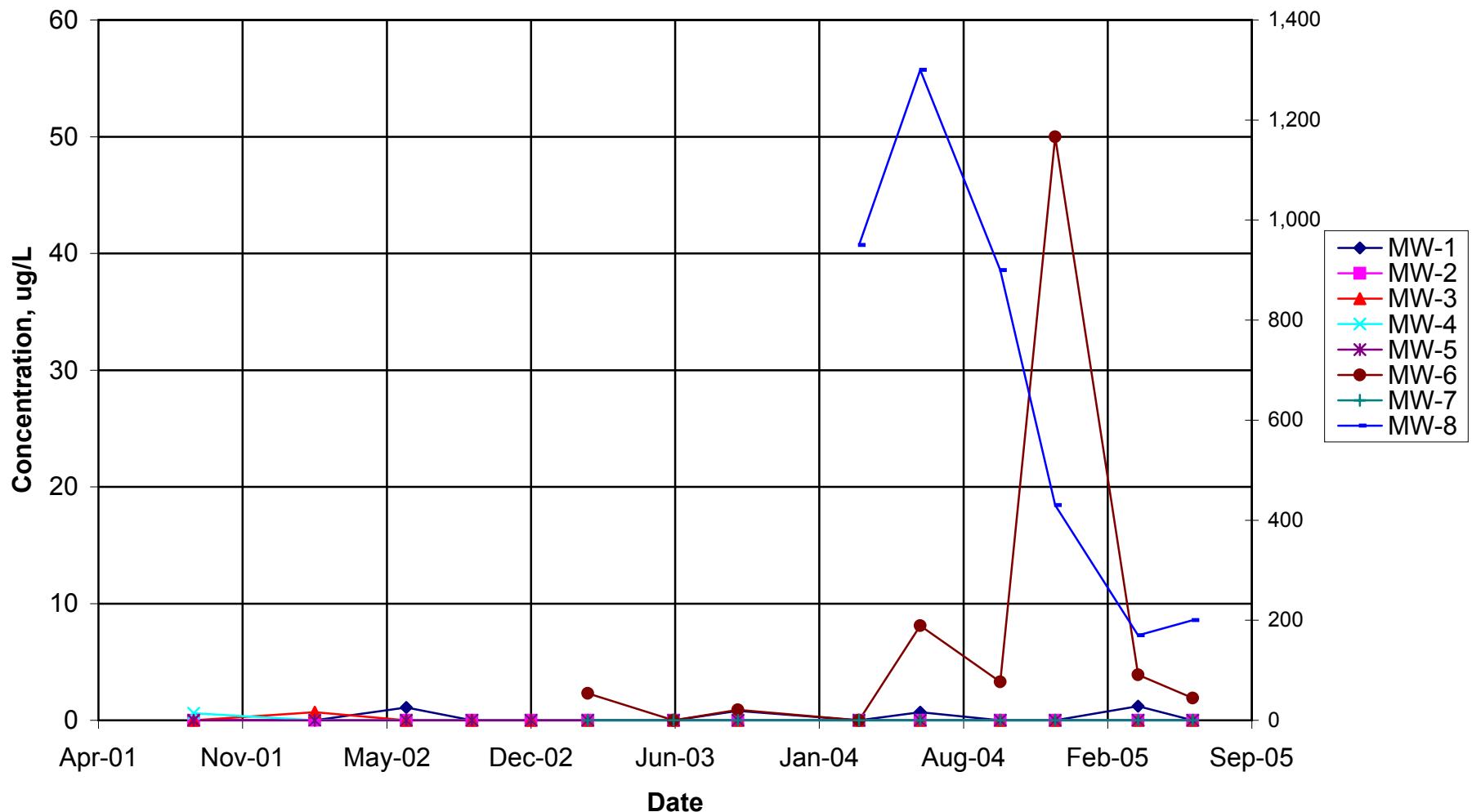
MW-8 is plotted on right axis.

Benzene Concentrations vs. Time Old Dairy Site - Crescent City, California



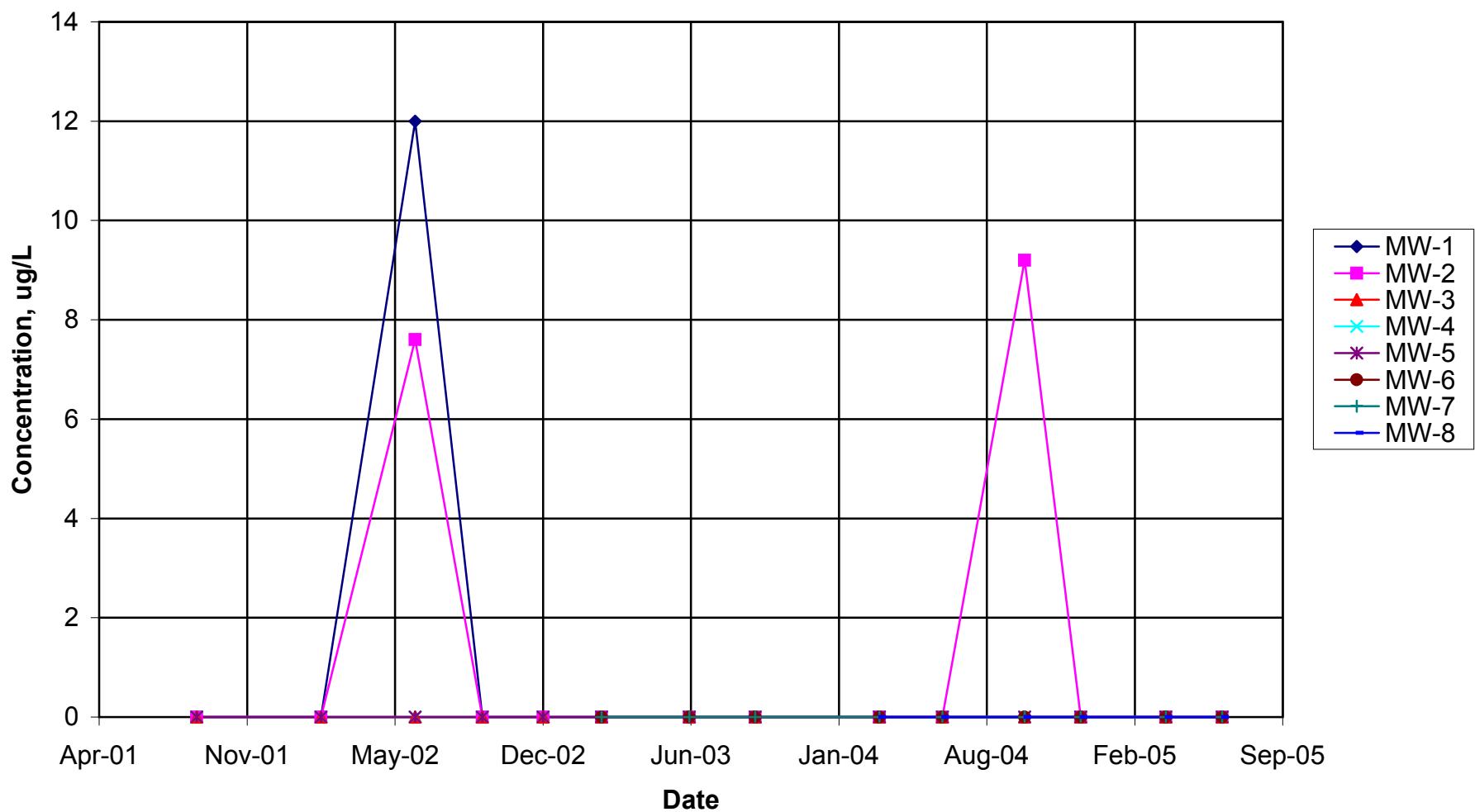
MW-8 is plotted on right axis.

Ethylenzene Concentrations vs. Time Old Dairy Site - Crescent City, California

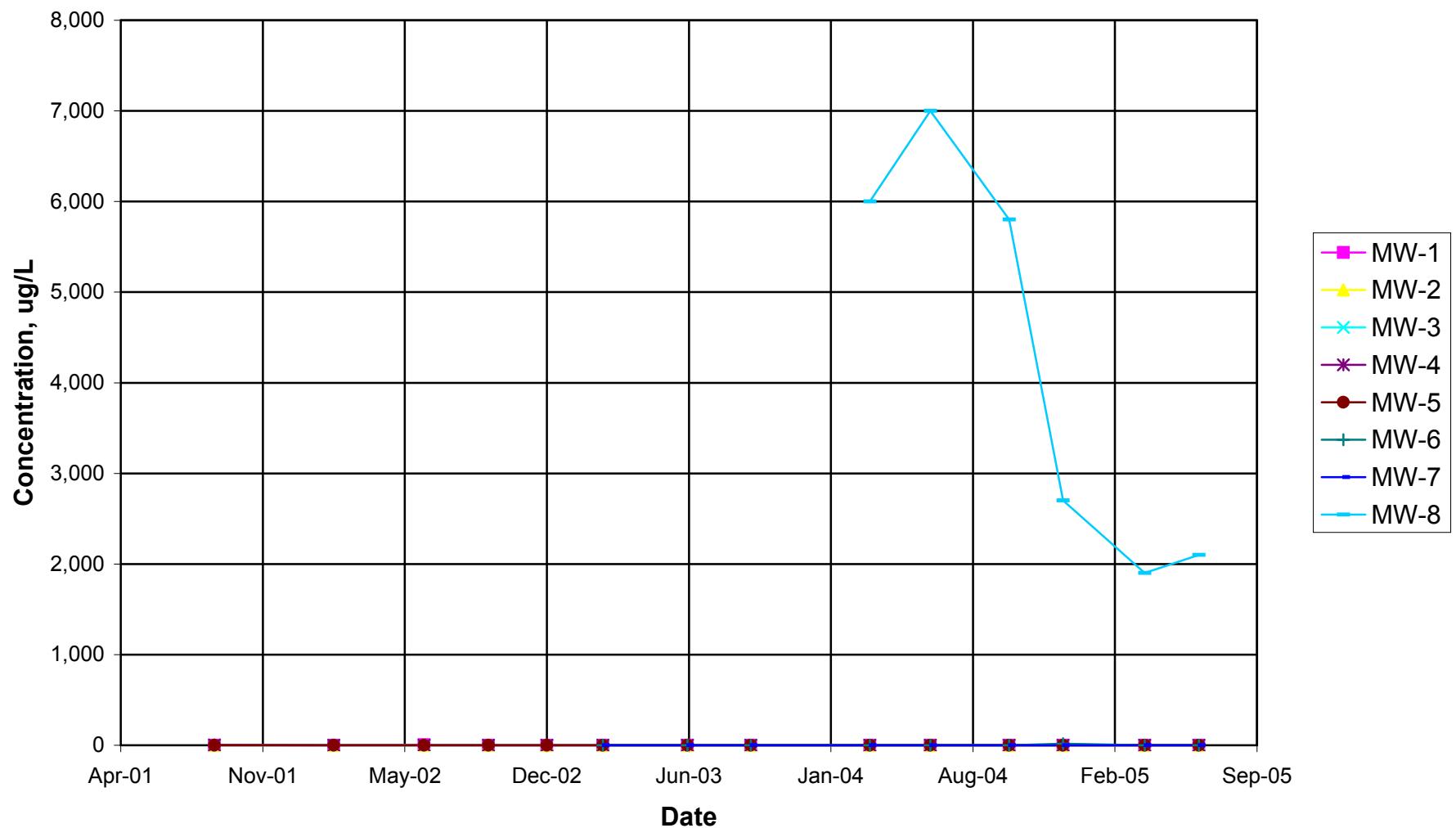


MW-8 is plotted on right axis.

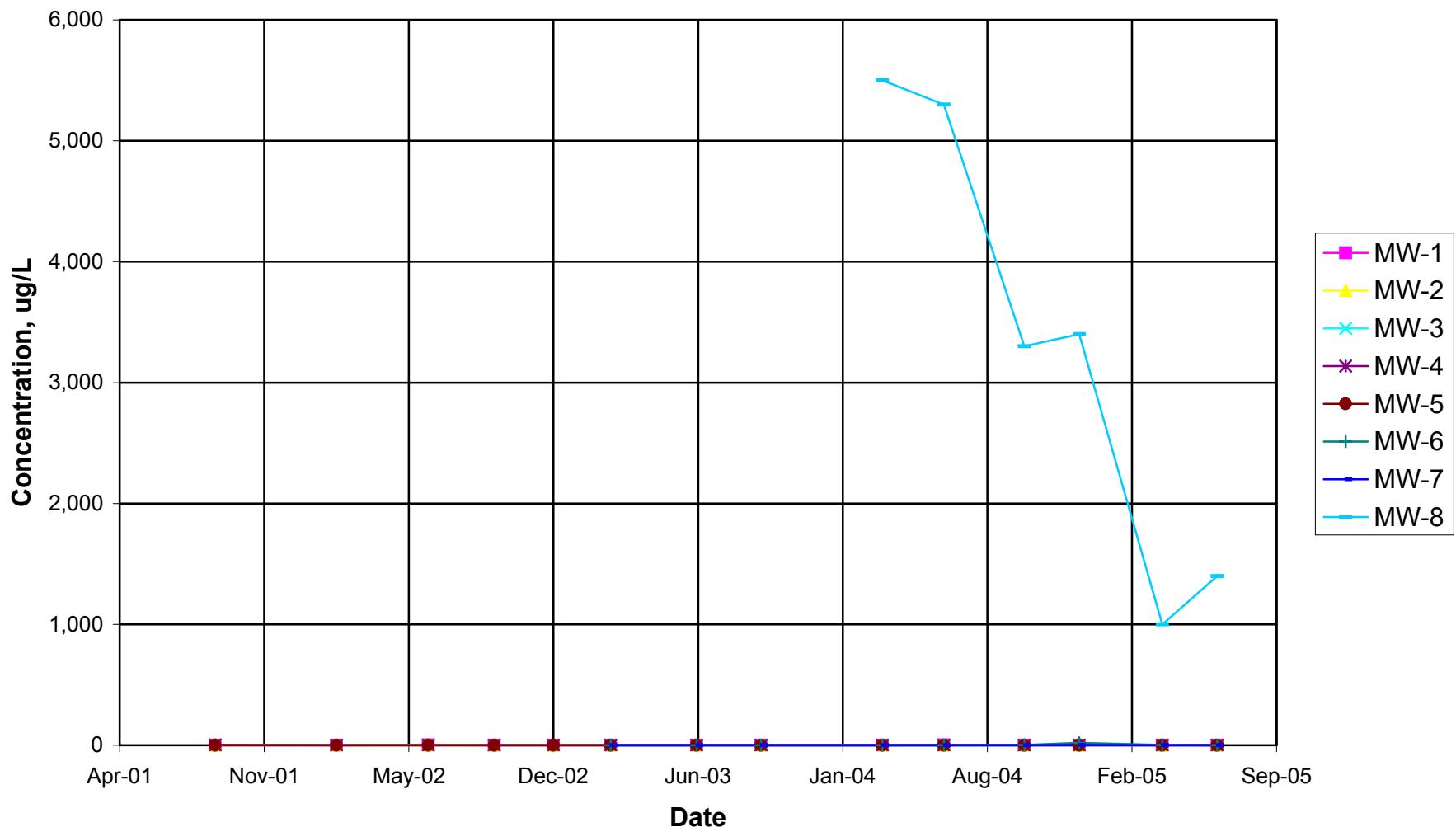
MTBE Concentrations vs. Time Old Dairy Site - Crescent City, California



Toluene Concentrations vs. Time Old Dairy Site - Crescent City, California



Total Xylenes Concentrations vs. Time Old Dairy Site - Crescent City, California



Historic Groundwater Data
Old Dairy Site - Crescent City, California

Groundwater Elevations, ft MSL

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	29.04	30.82	30.97	31.28	30.40			
02/13/02	34.03	35.46	34.68	33.64	32.88			
06/20/02	31.11	32.78	32.86	32.99	31.77			
09/19/02	28.53	30.13	30.27	30.68	29.62			
12/10/02	29.76	31.43	31.70	32.95	31.08			
02/27/03	33.63	35.23	34.40	33.50	32.53	34.71	34.52	
06/26/03	30.30	31.96	32.10	32.22	31.05	31.18	30.96	
09/23/03	28.67	30.26	30.38	30.78	29.71	29.45	29.27	
03/09/04	33.76	35.19	34.55	33.57	32.76	34.65	34.49	35.89
06/02/04	30.81	32.48	32.61	32.61	31.42	31.70	31.48	32.30
09/21/04	29.26	30.95	31.09	31.40	30.31	30.14	29.94	30.79
12/06/04	31.23	32.87	32.88	33.13	31.63	32.43	32.07	32.49
03/31/05	34.31	35.98	35.10	33.77	32.93	35.42	35.23	35.06
06/15/05	31.70	33.27	33.24	32.90	31.81	32.52	32.30	32.95

TPH-Diesel, mg/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.05	<0.05	<0.05	<0.05	<0.05			
02/13/02	<0.05	<0.05	<0.05	<0.05	<0.05			
06/20/02	<0.05	<0.05	<0.05	<0.05	<0.05			
09/19/02	<0.13	<0.13	<0.13	<0.13	<0.13			
12/10/02	<0.13	<0.13	<0.13	<0.13	<0.13			
02/27/03	<0.05	<0.05	<0.05	<0.05	<0.05	0.20	<0.05	
06/26/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
09/23/03	<0.05	<0.05	<0.05	<0.05	<0.05	0.41	<0.05	
03/09/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.50
06/02/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.50
09/21/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.50
12/06/04	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.50
03/31/05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
06/15/05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

TPH-Motor oil, mg/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.50	<0.50	<0.50	<0.50	<0.50			
02/13/02	<0.50	<0.50	<0.50	<0.50	<0.50			
06/20/02	<0.50	<0.50	<0.50	<0.50	<0.50			
09/19/02	<1.25	<1.25	<1.25	<1.25	<1.25			
12/10/02	<1.25	<1.25	<1.25	<1.25	<1.25			
02/27/03	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/26/03	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/23/03	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/09/04	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
06/02/04	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
09/21/04	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175
12/06/04	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175
03/31/05	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175
06/15/05	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175

TPH-Gasoline, mg/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.05	<0.05	<0.05	<0.05	<0.05			
02/13/02	<0.05	<0.05	0.13	<0.05	<0.05			
06/20/02	0.17	<0.05	<0.05	<0.05	<0.05			
09/19/02	<0.05	<0.05	<0.05	<0.05	<0.05			
12/10/02	0.07	<0.05	<0.05	<0.05	<0.05			
02/27/03	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	
06/26/03	0.06	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	
09/23/03	0.15	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	
03/09/04	<0.05	<0.05	0.19	<0.05	<0.05	0.05	<0.05	73
06/02/04	0.12	<0.05	<0.05	<0.05	<0.05	0.52	<0.05	34
09/21/04	0.13	<0.05	<0.05	<0.05	<0.05	0.46	<0.05	31
12/06/04	0.07	<0.05	<0.05	<0.05	<0.05	1.8	0.14	19
03/31/05	0.20	<0.05	<0.05	<0.05	<0.05	0.47	<0.05	7.3
06/15/05	0.09	<0.05	<0.05	<0.05	<0.05	0.22	<0.05	13

Historic Groundwater Data
Old Dairy Site - Crescent City, California

Benzene, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.5	<0.5	<0.5	<0.5	<0.5			
02/13/02	<0.5	<0.5	<0.5	<0.5	<0.5			
06/20/02	5.8	<0.5	<0.5	<0.5	<0.5			
09/19/02	2.0	<0.5	<0.5	<0.5	<0.5			
12/10/02	<0.5	<0.5	<0.5	<0.5	<0.5			
02/27/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
06/26/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
09/23/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
03/09/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	400
06/02/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	480
09/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	200
12/06/04	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	120
03/31/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	120
06/15/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	73

Toluene, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.5	<0.5	0.6	3.2	<0.5			
02/13/02	<0.5	<0.5	<0.5	<0.5	<0.5			
06/20/02	5.3	<0.5	<0.5	<0.5	<0.5			
09/19/02	<0.5	<0.5	<0.5	<0.5	<0.5			
12/10/02	<0.5	<0.5	<0.5	<0.5	<0.5			
02/27/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
06/26/03	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
09/23/03	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	
03/09/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6,000
06/02/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7,000
09/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5,800
12/06/04	<0.5	<0.5	<0.5	<0.5	<0.5	16	<0.5	2,700
03/31/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1,900
06/15/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2,100

Ethylbenzene, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<0.5	<0.5	<0.5	0.6	<0.5			
02/13/02	<0.5	<0.5	0.7	<0.5	<0.5			
06/20/02	1.1	<0.5	<0.5	<0.5	<0.5			
09/19/02	<0.5	<0.5	<0.5	<0.5	<0.5			
12/10/02	<0.5	<0.5	<0.5	<0.5	<0.5			
02/27/03	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	
06/26/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
09/23/03	0.8	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	
03/09/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	950
06/02/04	0.7	<0.5	<0.5	<0.5	<0.5	8.1	<0.5	1,300
09/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	3.3	<0.5	900
12/06/04	<0.5	<0.5	<0.5	<0.5	<0.5	50	<0.5	430
03/31/05	1.2	<0.5	<0.5	<0.5	<0.5	3.9	<0.5	170
06/15/05	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	200

Xylenes, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<1.0	<1.0	<1.0	2.7	<1.0			
02/13/02	<1.0	<1.0	<1.0	<1.0	<1.0			
06/20/02	1.8	<1.0	<1.0	<1.0	<1.0			
09/19/02	<1.0	<1.0	<1.0	<1.0	<1.0			
12/10/02	<1.0	<1.0	<1.0	<1.0	<1.0			
02/27/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
06/26/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
09/23/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
03/09/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5,500
06/02/04	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5,300
09/21/04	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	3,300
12/06/04	<1.0	<1.0	<1.0	<1.0	<1.0	19	1.1	3,400
03/31/05	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	1,000
06/15/05	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1,400

Historic Groundwater Data
Old Dairy Site - Crescent City, California

TBA, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<100	<500	<100	<100	<100			
02/13/02	<100	<100	<100	<100	<100			
06/20/02	<100	<100	<100	<100	<100			
09/19/02	<30	<30	<30	<30	<30			
12/10/02	<30	<30	<30	<30	<30			
02/27/03	<30	<30	<30	<30	<30	<30	<30	
06/26/03	<10	<10	<10	<10	<10	<10	<10	
09/23/03	<10	<10	<10	<10	<10	<10	<10	
03/09/04	<10	<10	<10	<10	<10	<10	<10	<10
06/02/04	<10	<10	<10	<10	<10	<10	<10	<100
09/21/04	<10	<10	<10	<10	<10	<10	<10	<100
12/06/04	<10	<10	<10	<10	<10	<10	<10	<100
03/31/05	<10	<10	<10	<10	<10	<10	<10	<10
06/15/05	<10	<10	<10	<10	<10	<10	<10	<10

MTBE, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<5.0	<5.0	<5.0	<5.0	<5.0			
02/13/02	<5.0	<5.0	<5.0	<5.0	<5.0			
06/20/02	12	7.6	<5.0	<5.0	<5.0			
09/19/02	<5.0	<5.0	<5.0	<5.0	<5.0			
12/10/02	<5.0	<5.0	<5.0	<5.0	<5.0			
02/27/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
06/26/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
09/23/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
03/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
09/21/04	<5.0	9.2	<5.0	<5.0	<5.0	<5.0	<5.0	<50
12/06/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
03/31/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/15/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

DIPE, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<5.0	<5.0	<5.0	<5.0	<5.0			
02/13/02	<5.0	<5.0	<5.0	<5.0	<5.0			
06/20/02	<5.0	<5.0	<5.0	<5.0	<5.0			
09/19/02	<5.0	<5.0	<5.0	<5.0	<5.0			
12/10/02	<5.0	<5.0	<5.0	<5.0	<5.0			
02/27/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
06/26/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
09/23/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
03/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
09/21/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
12/06/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
03/31/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/15/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

ETBE, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<5.0	<5.0	<5.0	<5.0	<5.0			
02/13/02	<5.0	<5.0	<5.0	<5.0	<5.0			
06/20/02	<5.0	<5.0	<5.0	<5.0	<5.0			
09/19/02	<5.0	<5.0	<5.0	<5.0	<5.0			
12/10/02	<5.0	<5.0	<5.0	<5.0	<5.0			
02/27/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
06/26/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
09/23/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
03/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
09/21/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
12/06/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
03/31/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/15/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Historic Groundwater Data
Old Dairy Site - Crescent City, California

TAME, ug/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
08/29/01	<5.0	<5.0	<5.0	<5.0	<5.0			
02/13/02	<5.0	<5.0	<5.0	<5.0	<5.0			
06/20/02	<5.0	<5.0	<5.0	<5.0	<5.0			
09/19/02	<5.0	<5.0	<5.0	<5.0	<5.0			
12/10/02	<5.0	<5.0	<5.0	<5.0	<5.0			
02/27/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
06/26/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
09/23/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
03/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
09/21/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
12/06/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
03/31/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/15/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Dissolved Oxygen, mg/L

Date	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
02/13/02	1.07	5.67	1.56	0.39	0.71			
09/19/02	0.54	0.56	0.83	0.63	0.16			
02/27/03	0.58	7.40	3.25	0.33	0.61	3.14	4.02	
06/26/03	0.46	4.51	3.71	0.51	0.44	0.38	0.94	
03/09/04	2.25	7.80	5.40	0.63	0.67	0.77	3.01	0.71
06/02/04	1.85	6.81	5.05	1.88	1.91	1.98	2.21	1.83
12/06/04	0.09	2.05	4.52	0.22	0.07	0.05	0.11	0.06
03/31/05	0.20	9.40	7.02	0.19	0.19	0.39	2.53	1.03
06/15/05	0.90	7.94	4.67	0.28	0.16	0.58	0.63	0.30

Attachment B
Laboratory Reports, Chain-of-Custody Form, & Chromatograms

Laboratory Report Project Overview

EDF 1.2a

Laboratory: Shasta Analytical Laboratory, Inc., Redding, CA
Lab Report Number: OLD DAIRY
Project Name: OLD DAIRY PLANT
Work Order Number: 003003.
Control Sheet Number: T0601500101

Laboratory: Shasta Analytical Laboratory, Inc., Redding, CA
Lab Report Number: OLD DAIRY
Project Name: OLD DAIRY PLANT
Work Order Number: 003003.
Control Sheet Number: T0601500101

Case Narrative

Shasta Analytical Laboratory, Inc., Redding, CA

Report Date: 06/20/2005 Report Number: OLD DAIRY	Project: OLD DAIRY PLANT Order #: 003003.
Project Name: Old Dairy - Crescent City Job No.: 003003.00 Task 4	
<p>Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Samples were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.</p> <p>Shasta Analytical is certified by the State of California Department of Health Services (DOHS #1971). If you have any questions regarding these results, please call me at (530)226-5400.</p> <p>Please note that since Bunker Oil C is no longer made, a standard is not available. Thus, the analysis for Bunker Oil C (also known as Fuel Oil #6) was made by comparing the sample chromatogram to that of a motor oil standard. Bunker Oil C elutes in a volatility range most similar to that of motor oil.</p>	
<p>Sincerely,</p> <p>Lynn Coster Laboratory Director</p>	

Approved by: Lynn Coster Date: 6/20/05

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anicode	Exrcode	Logdate	Extdate	Anadate	Lablotcti	Run Sub
OLD DAIRY	MW-1	51457	W	CS	8260FA	SW5030B	06/15/200	06/17/200	06/17/200	8260-0617	1
OLD DAIRY	MW-1	51457	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8015D-0617	1
OLD DAIRY	MW-1	51457	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-2	51458	W	CS	8260FA	SW5030B	06/15/200	06/16/200	06/16/200	8020-0616	1
OLD DAIRY	MW-2	51458	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8015D-0617	1
OLD DAIRY	MW-2	51458	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-3	51459	W	CS	8260FA	SW5030B	06/15/200	06/16/200	06/16/200	8020-0616	1
OLD DAIRY	MW-3	51459	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8260-0617	1
OLD DAIRY	MW-3	51459	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-4	51460	W	CS	8260FA	SW5030B	06/15/200	06/16/200	06/16/200	8015D-0617	1
OLD DAIRY	MW-4	51460	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8020-0616	1
OLD DAIRY	MW-4	51460	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-5	51461	W	CS	8260FA	SW5030B	06/15/200	06/17/200	06/17/200	8015D-0617	1
OLD DAIRY	MW-5	51461	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8015D-0617	1
OLD DAIRY	MW-5	51461	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-6	51462	W	CS	8260FA	SW5030B	06/15/200	06/17/200	06/17/200	8260-0617	1
OLD DAIRY	MW-6	51462	W	CS	SW8020F	SW5030B	5	5	5	5	
OLD DAIRY	MW-7	51463	W	CS	8260FA	SW5030B	06/15/200	06/17/200	06/17/200	8260-0617	1
OLD DAIRY	MW-7	51463	W	CS	SW8020F	SW5030B	5	5	5	5	

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anicode	Exicode	Logdate	Extdate	Anadate	Lablotcti	Run Sub
OLD DAIRY	MW-7	51463	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8015D-0617	1
OLD DAIRY	MW-7	51463	W	CS	SW8020F	SW5030B	5	5	5		
OLD DAIRY	MW-8	51464	W	CS	8260FA	SW5030B	06/15/200	06/17/200	06/16/200	8020-0616	1
OLD DAIRY	MW-8	51464	W	CS	CATPH-D	SW3510C	06/15/200	06/17/200	06/17/200	8260-0617	1
OLD DAIRY	MW-8	51464	W	CS	SW8020F	SW5030B	5	5	5		
LCSD-0617	W	BD1	CATPH-D	SW3510C	/ /		06/17/200	06/17/200	06/17/200	8015D-0617	1
LCS-0616	W	BS1	SW8020F	SW5030B	/ /		5	5	5		
LCS-0617	W	BS1	8260FA	SW5030B	/ /		06/16/200	06/17/200	06/16/200	8020-0616	1
LCS-0617	W	BS1	CATPH-D	SW3510C	/ /		5	5	5		
MB-0616	W	LB1	SW8020F	SW5030B	/ /		06/17/200	06/17/200	06/17/200	8260-0617	1
MB-0617	W	LB1	8260FA	SW5030B	/ /		5	5	5		
MB-0617	W	LB1	CATPH-D	SW3510C	/ /		06/16/200	06/17/200	06/16/200	8020-0616	1
51457	W	MS1	8260FA	SW5030B	/ /		06/17/200	06/17/200	06/17/200	8260-0617	1
51458	W	MS1	SW8020F	SW5030B	/ /		5	5	5		
51457	W	SD1	8260FA	SW5030B	/ /		06/17/200	06/17/200	06/17/200	8260-0617	1
51458	W	SD1	SW8020F	SW5030B	/ /		5	5	5		

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

Page: 1

Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-1	Lab Samp ID:	51457			
Descr/Location:	MW-1	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1505	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		84%		1
Toluene-d8	70-130	SBSA		101%		1
Dibromofluoromethane	70-130	SBSA		89%		1

Approved by: Susan CasperDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-2	Lab Samp ID:	51458			
Descr/Location:	MW-2	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1320	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		85%		1
Toluene-d8	70-130	SBSA		101%		1
Dibromofluoromethane	70-130	SBSA		98%		1

Approved by: Susan Custer Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-3	Lab Samp ID:	51459			
Descr/Location:	MW-3	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1345	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		83%		1
Toluene-d8	70-130	SBSA		103%		1
Dibromofluoromethane	70-130	SBSA		95%		1

Approved by: Susan CaslerDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-4	Lab Samp ID:	51460			
Descr/Location:	MW-4	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1230	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		83%		1
Toluene-d8	70-130	SBSA		101%		1
Dibromofluoromethane	70-130	SBSA		97%		1

Approved by: Lynn CastleDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-5	Lab Samp ID:	51461			
Descr/Location:	MW-5	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1201	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		81%		1
Toluene-d8	70-130	SBSA		101%		1
Dibromofluoromethane	70-130	SBSA		89%		1

Approved by: Susan CasinDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-6	Lab Samp ID:	51462			
Descr/Location:	MW-6	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1415	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		82%		1
Toluene-d8	70-130	SBSA		100%		1
Dibromofluoromethane	70-130	SBSA		94%		1

Approved by: Susan CaslerDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-7	Lab Samp ID:	51463			
Descr/Location:	MW-7	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1445	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		83%		1
Toluene-d8	70-130	SBSA		101%		1
Dibromofluoromethane	70-130	SBSA		95%		1

Approved by: Lynn Casler Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	Volatile Organic Compounds by GC/MS Fuel			
Project No:	003003.	Method:	8260FA			
		Prep Meth:	SW5030B			
Field ID:	MW-8	Lab Samp ID:	51464			
Descr/Location:	MW-8	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1250	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8260-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SBSA		84%		1
Toluene-d8	70-130	SBSA		100%		1
Dibromofluoromethane	70-130	SBSA		95%		1

Approved by: Sym CastleDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-1	Lab Samp ID:	51457			
Descr/Location:	MW-1	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1505	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Susan Casin Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-2	Lab Samp ID:	51458			
Descr/Location:	MW-2	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1320	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Sym CosterDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-3	Lab Samp ID:	51459			
Descr/Location:	MW-3	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1345	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175 PQL		ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05 PQL		ND	MG/L	1

Approved by: Dawn Coates Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-4	Lab Samp ID:	51460			
Descr/Location:	MW-4	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1230	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Lynn Casler Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-5	Lab Samp ID:	51461			
Descr/Location:	MW-5	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1201	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175 PQL		ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05 PQL		ND	MG/L	1

Approved by: Dawn CasterDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-6	Lab Samp ID:	51462			
Descr/Location:	MW-6	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1415	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Fuel Oil No. 6 (BUNKER C)	0.175	0.175	PQL	ND	MG/L	1
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Sym CastiDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-7	Lab Samp ID:	51463			
Descr/Location:	MW-7	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1445	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Fuel Oil No. 6 (BUNKER C)	0.175	0.175	PQL	ND	MG/L	1
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Lynn CaseDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

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Project Name:	OLD DAIRY PLANT	Analysis:	CA LUFT Method for Diesel Range Organics			
Project No:	003003.	Method:	CATPH-D			
		Prep Meth:	SW3510C			
Field ID:	MW-8	Lab Samp ID:	51464			
Descr/Location:	MW-8	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/17/2005			
Sample Time:	1250	Analysis Date:	06/17/2005			
Matrix:	Water	QC Batch:	8015D-0617			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Motor Oil (C24-C36)	0.175	0.175	PQL	ND	MG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

Approved by: Tyron CastleDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-1	Lab Samp ID:	51457			
Descr/Location:	MW-1	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1505	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	0.09	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:				83%		1
Trifluorotoluene	70-130	SBSA				

Approved by: Dawn CaslerDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-2	Lab Samp ID:	51458			
Descr/Location:	MW-2	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1320	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		78%		1

Approved by: Dawn CoatesDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-3	Lab Samp ID:	51459			
Descr/Location:	MW-3	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1345	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		81%		1

Approved by: Susan Casler Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-4	Lab Samp ID:	51460			
Descr/Location:	MW-4	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1230	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:				74%		1
Trifluorotoluene	70-130	SBSA				

Approved by: Lynn CastlesDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-5	Lab Samp ID:	51461			
Descr/Location:	MW-5	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1201	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:				70%		1
Trifluorotoluene	70-130	SBSA				

Approved by: Susan GasterDate: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-6	Lab Samp ID:	51462			
Descr/Location:	MW-6	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1415	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	1.9	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	0.22	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		98%		1

Approved by: Sym Coates Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-7	Lab Samp ID:	51463			
Descr/Location:	MW-7	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1445	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		82%		1

Approved by: Dawn Caster Date: 6/20/05

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Project Name:	OLD DAIRY PLANT	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)			
Project No:	003003.	Method:	SW8020F			
		Prep Meth:	SW5030B			
Field ID:	MW-8	Lab Samp ID:	51464			
Descr/Location:	MW-8	Rec'd Date:	06/16/2005			
Sample Date:	06/15/2005	Prep Date:	06/16/2005			
Sample Time:	1250	Analysis Date:	06/16/2005			
Matrix:	Water	QC Batch:	8020-0616			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	12.5	PQL	73.	UG/L	25
Toluene	0.5	12.5	PQL	2100.	UG/L	25
Ethylbenzene	0.5	12.5	PQL	200.	UG/L	25
Xylenes	1.0	25.	PQL	1400.	UG/L	25
Total Petroleum Hydrocarbons (TPH)	0.05	1.25	PQL	13.	MG/L	25
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		72%		25

Approved by: Susan Caster Date: 6/20/05

**QA/QC Report
Method Blank Summary**

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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QC Batch:	8015D-0617	Analysis:	CA LUFT Method for Diesel Range Organics			
Matrix:	Water	Method:	CATPH-D			
Lab Samp ID:	MB-0617	Prep Meth:	SW3510C			
Analysis Date:	06/17/2005	Prep Date:	06/17/2005			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary
Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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QC Batch:	8015D-0617
Matrix:	Water
Lab Samp ID:	LCS-0617

Analyte	Analysis Method	Spike Level		Spike Result		% Recoveries			Acceptance Criteria		
		LCS	LCD	LCS	LCD	Units	LCS	LCD	RPD	% Rec	RPD
Total Petroleum Hydrocarbons (TPH) (C10-C22)	CATPH-D	0.83	0.83	0.70	0.65	MG/L	84.3	78.3	7.4	130-70 LSA	30LSP

**QA/QC Report
Method Blank Summary**

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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QC Batch:	8020-0616	Analysis:	BTEX/Gasoline Range Organics			
Matrix:	Water	Method:	SW8020F			
Lab Samp ID:	MB-0616	Prep Meth:	SW5030B			
Analysis Date:	06/16/2005	Prep Date:	06/16/2005			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.5	0.5	PQL	ND	UG/L	1
Toluene	0.5	0.5	PQL	ND	UG/L	1
Ethylbenzene	0.5	0.5	PQL	ND	UG/L	1
Xylenes	1.0	1.0	PQL	ND	UG/L	1
Total Petroleum Hydrocarbons (TPH)	0.05	0.05	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene	70-130	SBSA		78%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

QC Batch:	8020-0616	Project Name: OLD DAIRY PLANT					
Matrix:	Water	Project No.: 003003.					
Lab Samp ID:	51458	Field ID: MW-2					
Basis:	Not Filtered	Lab Ref ID: 51458					
Analyte	Analysis Method	Spike Level DMS	Sample Result	Spike Result DMS	Units	% Recoveries MS DMS RPD	Acceptance Criteria % Rec RPD
Benzene	SW8020F	10.0	10.0	10.6	11.3	UG/L	106 113 6.4 130-70 LSA 30LSP
Ethylbenzene	SW8020F	10.0	10.0	10.6	11.4	UG/L	106 114 7.3 130-70 LSA 30LSP
Toluene	SW8020F	10.0	10.0	9.4	10.4	UG/L	94.0 104 10 130-70 LSA 30LSP
Total Petroleum Hydrocarbons (TPH)	SW8020F	0.142	0.142	0.129	0.133	MGL	90.8 93.7 3.1 130-70 LSA 30LSP
Trifluorotoluene	SW8020F	100.	100.	78.	76.	89.	PERCENT 76.0 89.0 16 130-70 SBSA NA

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QA/QC Report
Blank Spike/Duplicate Blank Spike Summary
Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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QC Batch: 8020-0616
Matrix: Water
Lab Samp ID: LCS-0616

Analyte	Analysis Method	Spike Level		Spike Result		Units	LCS LCD	LCS LCD	RPD	% Recoveries		% Rec	Acceptance Criteria	RPD
		LCS	LCD	LCS	LCD					LCS	LCD			
Benzene	SW8020F	10.0	NA	7.5	NA	UG/L	75.0	NA	NA	130-70	LSA	NA	NA	NA
Ethylbenzene	SW8020F	10.0	NA	9.7	NA	UG/L	97.0	NA	NA	130-70	LSA	NA	NA	NA
Toluene	SW8020F	10.0	NA	8.8	NA	UG/L	88.0	NA	NA	130-70	LSA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (C5-C12)	SW8020F	0.142	NA	0.138	NA	MG/L	97.2	NA	NA	130-70	LSA	NA	NA	NA
Trifluorotoluene	SW8020F	100.	NA	86.	NA	PERCENT	86.0	NA	NA	130-70	SBSA	NA	NA	NA

QA/QC Report
Method Blank Summary

Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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QC Batch:	8260-0617	Analysis:	Volatile Organic Compounds by GC/MS Fuel				
Matrix:	Water	Method:	8260FA				
Lab Samp ID:	MB-0617	Prep Meth:	SW5030B				
Analysis Date:	06/17/2005	Prep Date:	06/17/2005				
Basis:	Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil	
Methyl-tert-butyl ether (MTBE)	5.0	5.0	PQL	ND	UG/L	1	
Ethyl tert-butyl ether (ETBE)	5.0	5.0	PQL	ND	UG/L	1	
tert-Amyl methyl ether (TAME)	5.0	5.0	PQL	ND	UG/L	1	
Di-isopropyl ether (DIPE)	5.0	5.0	PQL	ND	UG/L	1	
tert-Butyl alcohol (TBA)	10.	10.	PQL	ND	UG/L	1	
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene	70-130	SBSA		83%			1
Toluene-d8	70-130	SBSA		99%			1
Dibromofluoromethane	70-130	SBSA		85%			1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Shasta Analytical Laboratory, Inc., Redding, CA

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Analyte	Analysis Method	Spike Level DMS		Sample Result	Spike Result MS	Units	% Recoveries			Acceptance Criteria	% Rec
		MS	DMS				MS	DMS	RPD		
Di-isopropyl ether (DIPE)	8260FA	100.	100.	ND	107.	110.	UG/L	107	110	2.8	130-70 LSA 25LSP
Ethyl tert-butyl ether (ETBE)	8260FA	100.	100.	ND	125.	126.	UG/L	125	126	0.80	130-70 LSA 25LSP
Methyl-tert-butyl ether (MTBE)	8260FA	100.	100.	ND	120.	125.	UG/L	120	125	4.1	130-70 LSA 25LSP
tert-Amyl methyl ether (TAME)	8260FA	100.	100.	ND	111.	114.	UG/L	111	114	2.7	130-70 LSA 25LSP
tert-Butyl alcohol (TBA)	8260FA	500.	500.	ND	420.	441.	UG/L	84.0	88.2	4.9	130-70 LSA 25LSP
4-Bromofluorobenzene	8260FA	100.	100.	84.	82.	86.	PERCENT	82.0	86.0	4.8	130-70 SBSA NA
Dibromofluoromethane	8260FA	100.	100.	89.	90.	90.	PERCENT	90.0	90.0	0.00	130-70 SBSA NA
Toluene-d8	8260FA	100.	100.	101.	102.	101.	PERCENT	102	101	0.99	130-70 SBSA NA

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary
Shasta Analytical Laboratory, Inc., Redding, CA

Lab Report No.: OLD DAIRY Date: 06/20/2005

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Analyte	Analysis Method	Spike Level		Spike Result		% Recoveries			Acceptance Criteria	
		LCS	LCD	LCS	LCD	Units	LCS	LCD	RPD	% Rec
Di-isopropyl ether (DIPE)	8260FA	100.	NA	122.	NA	UG/L	122	NA	130-70	LSA
Ethyl tert-butyl ether (ETBE)	8260FA	100.	NA	103.	NA	UG/L	103	NA	130-70	LSA
Methyl-tert-butyl ether (MTBE)	8260FA	100.	NA	111.	NA	UG/L	111	NA	130-70	LSA
tert-Amyl methyl ether (TAME)	8260FA	100.	NA	112.	NA	UG/L	112	NA	130-70	LSA
tert-Butyl alcohol (TBA)	8260FA	500.	NA	418.	NA	UG/L	83.6	NA	130-70	LSA
4-Bromofluorobenzene	8260FA	100.	NA	85.	NA	PERCENT	85.0	NA	130-70	SBSA
Dibromofluoromethane	8260FA	100.	NA	102.	NA	PERCENT	102	NA	130-70	SBSA
Toluene-d8	8260FA	100.	NA	100.	NA	PERCENT	100	NA	130-70	SBSA

Code List

Code	Name
!	Out of control limits
1C	First Column Result - The Value Obtained from the First Column
2C	Second Column Result - The Value Obtained from the Second Column
<	Less Than
=	Equal To
>	Greater Than
AAC	American Analytics, Chatsworth, CA
AACS	Aspen Analytical, Colorado Springs, CO
ABCP	ABC Environmental Laboratories, Pico Rivera, CA
ACTD	Accutest Mid-Atlantic, Dayton, NJ
ACTH	Accutest Gulfcoast, Houston, TX
ACTM	Accutest New England, Marlborough, MA
ACTO	Accutest Southeast, Orlando, FL
ACZ	ACZ Laboratories, Steamboat, CO
AEH	AEH
AEHA	Army Environmental Hygiene Agency (AEHA), APG, MD
AEIW	AN/EN Inc., Watsonville, CA
AELF	American Environmental Laboratories, Pensacola, FL
AENP	American Environmental Network, Portland, OR
AETB	American Environmental Testing Laboratory, Inc., Burbank, CA
ALAB	Associated Laboratories, Orange, CA
ALID	Acculabs, Inc., Davis, CA
ALPS	Alpha Analytical, Inc., Sparks, NV
ALPU	Alpha Analytical Laboratories, Ukiah, CA
ALTC	Alta Analytical Lab Incorporated, El Dorado Hills, CA
APHC	Applied Physics & Chemistry Laboratory, Chino, CA
APPL	Agriculture & Priority Pollutants Laboratories, Fresno, CA
ARDL	Applied Research and Development Lab, Inc., (ARDL) Mt. Vernon, IL
ARGC	Argon Laboratories, Ceres, CA
ARI	Analytical Resources, Inc., Seattle, WA
ASCI	Analytical Sciences, Petaluma, CA
ASLL	American Scientific Laboratories, LLC, Los Angeles, CA
ATCA	Analytica Alaska, Inc., Anchorage, AK
ATCC	Analytica Environmental Labs, Inc., Thornton, CO
ATCJ	Analytica Alaska, Inc., Juneau, AK
ATEM	Asbestos TEM Laboratories, Berkeley, CA
ATIA	Analytical Technologies, Inc., Anchorage, AK
ATIR	Analytical Technologies, Inc., Renton, WA
ATIS	Analytical Technologies, Inc., San Diego, CA
ATLC	Air Technology Laboratories, City of Industry, CA
ATOX	Air Toxics LTD, Folsom, CA
AVTS	Advanced Technology Laboratories, Signal Hill, CA
AXYS	Axys Analytical Services, Ltd., Sidney, B.C., Canada
BAAP	Badger Army Ammunition Plant (OLIN Corp.) Env. Lab, Baraboo, WI
BASH	Baseline Analytical Services, Huntington Beach, CA
BAW	Bace Analytical, Windsor, CA
BCE	Brown & Caldwell Analytical Lab, Emeryville, CA
BCLB	BC Laboratories, Bakersfield, CA
BD	Blank Spike Duplicate
BDO	Battelle Duxbury Operations, Duxbury, MA
BLPH	Block Environmental Services, Pleasant Hill, CA
BLR	Basic Laboratory, Redding, CA
BMLA	Boreochem Mobile Lab & Analytical Services

Code	Name
BMSS	Battelle Marine Sciences Laboratory, Sequim, WA
BRS	Brelje & Race, Santa Rosa, CA
BS	Blank Spike
BSKL	BSK Laboratories, Inc., Fresno, CA
BVLB	BioVir Laboratories, Inc., Benicia, CA
CALA	Castle Analytical Laboratory, Atwater, CA
CALN	Caltest Analytical Laboratory, Napa, CA
CALR	Centrum Analytical Laboratories, Inc., Riverside, CA
CALS	Centrum Analytical Laboratories, Inc., Signal Hill, CA
CAPC	CAPCO Analytical Services, Inc., Ventura, CA
CASB	Columbia Analytical Services, Inc., Bothell, WA
CASD	Columbia Analytical Services, Inc., Redding, CA
CASH	Columbia Analytical Services, Inc., Houston, TX
CASK	Columbia Analytical Services, Inc., Kelso, WA
CASL	Columbia Analytical Services, Inc., Canoga Park, CA
CASP	Columbia Analytical Services, Inc., Phoenix, AZ
CAWL	California Water Labs, Inc., Modesto, CA
CB	Calibration Blank
CC	Continuing Calibration Verification
CDL	Contract Required Detection Limit
CDM	CDM Federal Programs Corporation
CELG	Calscience Environmental Laboratories, Inc., Garden Grove, CA
CELL	Creek Environmental Laboratories, Inc., San Luis Obispo, CA
CELR	Chevron Environmental Laboratory, Richmond, CA
CELS	Chemical & Environmental Laboratories, Inc., Santa Fe Springs, CA
CFWM	City of Fresno Wastewater Management, Fresno, CA
CHEM	Chemic Laboratory, San Diego, CA
CHMC	CH2M Hill Analytical Services, Corvallis, OR
CHMM	CH2M Hill Analytical Services, Montgomery, AL
CHRP	ChromaLab, Inc., Pleasanton, CA
CKY	CKY Inc., Torrance, CA
CLPA	Contract Laboratory Program Accuracy Limits for Spiked Samples
CLPCC	CLP Continuing Calibration Acceptance Criteria
CLPIC	CLP Initial Calibration Acceptance Criteria
CLPLR	Contract Laboratory Program Precision for Lab Replicates
CLPP	Contract Laboratory Program Precision Limits for Spiked Samples
CLSR	California Laboratory Services, Rancho Cordova, CA
CLTP	Clayton Environmental Consultants, Inc., Pleasanton, CA
CRLB	Century Refining (CENREF) Labs, Inc., Brighton, CO
CRLS	CRL Environmental Laboratories, Sacramento, CA
CS	Client Sample
CTB	Curtis & Tompkins, Berkeley, CA
CTE	CT&E Environmental Services, Inc., Anchorage, AK
CTEC	CT&E Environmental Services, Inc., Charleston, WV
CTEP	Cal Tech Environmental Laboratories, Inc., Paramount, CA
CTES	Chemtek Environmental Laboratories, Santa Fe Springs, CA
CTLM	Cooper Testing Laboratory, Mountain View, CA
CWTB	Commonwealth Technologies, Baraboo, WI
DCHM	DataChem Laboratories, Inc., Salt Lake City, UT
DDL	Method Defined Detection Limit
DELB	Delta Environmental Laboratories, Benicia, CA
DHLR	DHL Analytical, Round Rock, TX
DLLC	Davy Laboratories, LaCrosse, WI
DLP	Davi Laboratories, Pinole, CA
DMAC	Del Mar Analytical, Colton, CA

Code	Name
DMAI	Del Mar Analytical, Irvine, CA
DMAP	Del Mar Analytical, Phoenix, AZ
DMP	D & M Laboratories, Petaluma, CA
DOWL	Dowl Engineering Alaska Test Labs, Anchorage, AK
DTAS	D-TEK Analytical Laboratories, Inc., San Diego, CA
DU	Data Unavailable
DU	Data Unavailable
EALS	Entech Analytical Labs, Inc., Santa Clara, CA
EALY	Entech Analytical Labs, Inc., Sunnyvale, CA
EASL	Environmental Analytical Services, Inc., Luis Obispo, CA
EBA	EBA
EBMU	East Bay Municipal Utility District Laboratory, Oakland, CA
ECEN	Ecology & Environment, Inc.
ECGB	EnChem, Green Bay, WI
ECI	EcoChem, Inc., Seattle, WA
ECIP	Enviro-Chem, Inc., Pomona, CA
ECLL	Environmental Chemistry Lab at LLNL, Livermore, CA
EEIS	Envirodyne Engineers, Inc., St. Louis, MO
EELR	Excelchem Environmental Labs, Roseville, CA
EELS	Environmental Engineering Laboratory, San Diego, CA
EMAS	EnviroMatrix Analytical, Inc., San Diego, CA
EMXT	EMAX Laboratories, Inc., Torrance, CA
EQL	Estimated Quantitation Limit
EQLS	Environmental Quality Laboratory at UTC, San Jose, CA
ESBR	E. S. Babcock & Sons, Inc., Riverside, CA
ESTI	Environmental Support Technologies, Inc., Irvine, CA
ETCS	ETC, Santa Rosa, CA
FBIS	Friedman & Bruya, Inc., Seattle, WA
FGIS	Frontier Geosciences, Inc., Seattle, WA
FGL	Fruit Growers Laboratory, Inc., Stockton, CA
FGLE	FGL Environmental, Santa Paula, CA
FORA	Forensic Analytical
GALM	GeoAnalytical Laboratories, Inc., Modesto, CA
GBLR	Great Basin Laboratories, Inc., Reno, NV
GELC	General Engineering Laboratories, Inc., Charleston, SC
GENC	GTEL Environmental Labs, Inc., Concord, CA
GPLG	GPL Laboratories, LLLP, Gaithersburg, MD
HALB	Halcyon Laboratories, Bakersfield, CA
HEAA	Hall Environmental Analysis Laboratory, Albuquerque, NM
HLV	Herguth Laboratories, Inc., Vallejo, CA
HPLE	HP Labs, Escondido, CA
IC	Initial Calibration Verification
IDL	Instrument Detection Limit
IN	Internal Standard
JEIF	Jones Environmental, Inc., Fullerton, CA
KD	Known (External Reference Material) Duplicate
KESM	Kemron Environmental Services, Marietta, OH
KIC	KIC Lab, Prudhoe Bay, AK
KIFF	Kiff Analytical LLC, Davis, CA
KLIA	Kinnetic Laboratories, Inc., Anchorage, AK
KLIC	Kinnetic Laboratories, Inc., Carlsbad, CA
KLIL	Kinnetic Laboratories, Inc., Lahaina, HI
KLIS	Kinnetic Laboratories, Inc., Santa Cruz, CA
KLR	Kensington Laboratories, Richmond, CA
KMO	Kinder Morgan, Orange, CA

Code	Name
KPIS	KPrime, Inc., Santa Rosa, CA
LAB1	Laboratory 1
LAB2	Laboratory 2
LAL	Lockheed Analytical Laboratory, Las Vegas, NV
LASL	Los Alamos Scientific Laboratory, Los Alamos, NM
LB	Lab Blank
LCC	Laboratory Continuing Calibration Accuracy
LCLW	LifeChem Laboratory Services, Woodland Hills, CA
LDC	Laboratory Data Consultants
LIC	Laboratory Initial Calibration Accuracy
LL	Lancaster Laboratories, Inc., Lancaster, PA
LLD	Lowest Level of Detection
LLR	Laboratory Established Precision for Lab Replicates
LOQ	Limit of Quantitation
LR	Lab Replicate
LSA	Laboratory Sample Accuracy for Spiked Samples
LSP	Laboratory Sample Precision for Spiked Samples
LTL	Laucks Testing Lab, Inc.
MCAP	McCampbell Analytical, Pacheco, CA
MCLL	Mobile Chem Labs, Inc., Lafayette, CA
MDL	Method Detection Limit
MEA	Method Established Accuracy for Spiked Samples
MEC	MEC Analytical Systems, Inc., Carlsbad, CA
MECC	Method Established Continuing Calibration Acceptance Criteria
MEIC	Method Established Initial Calibration Acceptance Criteria
MELR	Method Established Precision for Laboratory Replicates
MEP	Method Established Precision for Spiked Samples
MLIC	Michelson Laboratories, Inc., Commerce, CA
MLR	Matrix Laboratory Replicate Precision
MOLE	Mobile One Laboratories, Inc., Escondido, CA
MRL	Method Reporting Limit (lowest standard adjusted for prep.)
MS	GC/MS Result - Value Confirmed Using GC/MS
MS	Lab Matrix Spike
MSA	Matrix Spike Accuracy for Spiked Samples
MSLV	MID-STATE Laboratory LLC, Visalia, CA
MSP	Matrix Spike Precision for Spiked Samples
MSSL	Mountain States Analytical, Salt Lake City, UT
MWHM	MWH Labs, Monrovia, CA
MWLP	Montgomery Watson Laboratories, Pasadena, CA
NA	Not Applicable
NA	Not Available - Result Not Available
NC	Non-Client Sample
NCAA	North Creek Analytical, Anchorage, AK
NCAB	North Creek Analytical, Bothell, WA
NCAC	North Creek Analytical, Bend, OR
NCAP	North Creek Analytical, Beaverton, OR
NCAS	North Creek Analytical, Spokane, WA
NCLA	North Coast Laboratories, Arcata, CA
ND	Not Detected
NELL	NEL Laboratories, Inc., Las Vegas, NV
NLSC	Northern Lake Service, Crandon, WI
NR	Not Reported - Data Not Reported
NRES	Navy Regional Environmental Lab, San Diego, CA
NSEF	North State Environmental, South San Francisco, CA
NSLF	North State Labs, South San Francisco, CA

Code	Name
NTL	Northern Testing Laboratories, Anchorage, AK
NTLF	Northern Testing Laboratories, Fairbanks, AK
NU	Not Usable - Data Not Usable
NWCC	Northwest Colorado Consultants, Inc., Steamboat Springs, CO
OCAT	Orange Coast Analytical, Inc., Tustin, CA
OECS	Oilfield Environmental and Compliance, Santa Maria, CA
OEIR	OnSite Environmental, Inc., Redmond, WA
PA	Present/Absent
PAC	Pacific Analytical, Carlsbad, CA
PAIR	Precision Analytical, Inc., Richmond, CA
PAIS	Performance Analytical, Inc., Simi Valley, CA
PALA	Pacific Analytical Laboratory, Alameda, CA
PARA	Paragon Analytics, Inc., CO
PASA	Pace Analytical Services, Inc., Asheville, NC
PASC	Pace Analytical Services, Inc., Huntersville, NC
PASH	Pace Analytical Services, Inc., Houston, TX
PASI	Pace Analytical Services, Inc., Indianapolis, IN
PASN	Pace Analytical Services, Inc., St. Rose, LA
PCL	Pat-Chem Laboratories, Moorpark, CA
PDMW	Paradigm Analytical Laboratories, Wilmington, NC
PETS	Precision Enviro-Tech, Stockton, CA
PHLE	Philip Environmental
PIC	Pace Analytical Services, Inc., Camarillo, CA
PIHB	Pace Analytical Services, Inc., Huntington Beach, CA
PIL	Pace Analytical Services, Inc., Lenexa, KS
PIM	Pace Analytical Services, Inc., Minneapolis, MN
PIN	Pace Analytical Services, Inc., Novato, CA
PINY	Pace Analytical Services, Inc., New York, NY
PIP	Pace Analytical Services, Inc., Pittsburgh, PA
PITB	Pace Analytical Services, Inc., Tampa Bay, FL
PIWF	Pace Analytical Services, Inc., Wappingers Falls, NY
PLSA	Positive Lab Service, Los Angeles, CA
PLW	Perry Laboratory, Watsonville, CA
PNLE	Pacific Northwest Laboratories, Eugene, OR
PQL	Practical Quantitation Limit
PR	Primary Result - The Primary Result for a Parameter
PRL	Parameter Range Limit
QALA	Quality Analytical Laboratores, Inc., Montgomery, AL
QALC	Quality Analytical Laboratories, Inc., Redding, CA
RCHR	RCH Research & Env. Laboratories, Inc., Rancho Dominguez, CA
RFWC	Roy F. Weston, West Chester, PA
RFWS	Roy F. Weston, Stockton, CA
RM	Known (External Reference Material)
RS	Reagent Solvent
SAFW	Star Analytical, Fort Worth, TX
SALR	Shasta Analytical Laboratory, Inc., Redding, CA
SAS	Sound Analytical Services, Inc., Tacoma, WA
SBSA	Both Reagent and Matrix Sample Accuracy for Surrogates
SBSP	Both Reagent and Matrix Sample Precision for Surrogates
SC3S	S-Cubed, A Division of Maxwell Laboratories, Inc., San Diego, CA
SCLA	Contract Laboratory Program Limits for Surrogate Accuracy
SCLP	Contract Laboratory Program Limits for Surrogate Precision
SCLW	Soil Control Lab, Watsonville, CA
SCST	Southern California Soil & Testing, Inc., San Diego, CA
SD	Lab Matrix Spike Duplicate

Code	Name
SDGE	Environmental Analysis Lab, SDGE, San Diego, CA
SEMS	Sierra Environmental Monitoring, Sparks, NV
SEQC	Sequoia Analytical Laboratories, Inc., San Carlos, CA
SEQM	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
SEQP	Sequoia Analytical Laboratories, Inc., Petaluma, CA
SEQS	Sequoia Analytical Laboratories, Inc., Sacramento, CA
SEQW	Sequoia Analytical Laboratories, Inc., Walnut Creek, CA
SGSA	SGS Environmental Services Inc., Anchorage, AK
SGSL	SGS Michigan Division, Ludington, MI
SHLH	Sherwood Labs Corporation, Hilmar, CA
SIRL	Sierra Analytical Labs, Inc., Laguna Hills, CA
SLSA	Laboratory Sample Limits for Accuracy for Surrogates
SLSP	Laboratory Sample Limits for Precision for Surrogates
SMEA	Method Established Limits for Accuracy for Surrogates
SMEP	Method Established Limits for Precision for Surrogates
SMSA	Sample Matrix Limits for Accuracy for Surrogates
SMSP	Sample Matrix Limits for Precision for Surrogates
SPEC	Spectra Laboratory, Inc., Tacoma, WA
SPLH	SPL Houston Laboratory, Houston, TX
SPLL	SPL Lafayette Laboratory, Scott, LA
SPLM	SPL Michigan Laboratory, Traverse City, MI
SR	Semi-Quantitative Result
SRAD	Standard Reference Accuracy Defined by Agency/Manufacturer
SRMA	Standard Reference Material Accuracy Limits Determined by Lab
SRMP	Standard Reference Material Precision Limits Determined by Lab
SRPD	Standard Reference Precision Defined by Agency/Manufacturer
SSLE	SunStar Laboratories, Inc., Encinitas, CA
SSLT	SunStar Laboratories, Inc., Tustin, CA
STCL	STL ChromaLab, Inc., Pleasanton, CA
STEH	Sierra Testing Lab, El Dorado Hills, CA
STIS	Sparger Technology, Inc., Sacramento, CA
STL1	STL Denver, Arvada, CO
STL2	Severn Trent Laboratories, Edison, NJ
STL3	STL Los Angeles, Santa Ana, CA
STL4	Severn Trent Laboratories, Miramar, FL
STL5	Severn Trent Laboratories, Newburgh, NY
STL6	Severn Trent Laboratories, Colchester, VT
STL8	STL Seattle, Seattle, WA
STLB	Severn Trent Laboratories, Sparks, MD
STLC	Severn Trent Laboratories, North Canton, OH
STLD	Severn Trent Laboratories, Austin, TX
STLE	Severn Trent Laboratories, Tallahassee, FL
STLF	Severn Trent Laboratories, Tampa, FL
STLG	Severn Trent Laboratories, Savannah, GA
STLH	Severn Trent Laboratories, Houston, TX
STLI	Severn Trent Laboratories, Pensacola, FL
STLJ	Severn Trent Laboratories, N. Billerica, MA
STLK	STL Knoxville, Knoxville, TN
STLL	Severn Trent Laboratories, Earth City, MO
STLM	Severn Trent Laboratories, Monroe, CT
STLO	Severn Trent Laboratories, Mobile, AL
STLP	STL Pittsburgh, Pittsburgh, PA
STLQ	Severn Trent Laboratories, Amherst, NY
STLR	Severn Trent Laboratories, Richland, WA
STLS	STL Sacramento, West Sacramento, CA

Code	Name
STLT	Severn Trent Laboratories, Austin, TX (Quanterra)
STLU	Severn Trent Laboratories, University Park, IL
STLV	Severn Trent Laboratories, Valparaiso, IN
STLW	Severn Trent Laboratories, Westfield, MA
STLX	Severn Trent Laboratories, Tampa, FL (Savannah)
STLY	Severn Trent Laboratories, Whippany, NJ
STLZ	Severn Trent Laboratories, Corpus Christi, TX
STSM	Southland Technical Services, Inc., Montebello, CA
SU	Surrogate
SWAA	Shannon & Wilson, Inc., Anchorage, AK
SWLB	Southwest Laboratory, Broken Arrow, OK
SWRI	Southwest Research Institute, San Antonio, TX
TAN	TestAmerica - Nashville Division, Nashville, TN
TDL	Target Method Detection Limit
TDLT	Truesdail Laboratories, Inc., Tustin, CA
TEGR	TEG Northern California, Inc., Rancho Cordova, CA
TGGB	TEG, Solana Beach, CA
TI	Tentatively Identified Compound
TLF	Twining Labs, Fresno, CA
TLIT	Turner Laboratories, Inc., Tucson, AZ
TLM	Torrent Laboratory, Milpitas, CA
TRID	Triangle Laboratories, Inc., Durham, NC
TSIW	ToxScan, Inc., Watsonville, CA
WALC	Western Analytical Laboratories, Inc., Chino, CA
WCAS	West Coast Analytical Services, Inc., Santa Fe Springs, CA
WLIC	Weck Laboratories, Inc., City of Industry, CA
WPEL	City of LA Dept. Water & Power Environ. Lab, Los Angeles, CA
ZALB	Zalco Laboratories, Inc., Bakersfield, CA
ZXEO	ZymaX envirotechnology, San Luis Obispo, CA

Error Summary Log

06/20/05
EDF 1.2i All files present in deliverable.

Laboratory:
Project Name:
Work Order Number:
Global ID:
Lab Report Number:

Shasta Analytical Laboratory, Inc., Redding, CA
OLD DAIRY PLANT
003003.
T0601500101
OLD DAIRY

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Arincode	Exrcode	Logdate	Extdate	Anndate	Lastedit	Run Sub
OLD DAIRY	MW-1	51457	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-1	51457	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-1	51457	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-2	51458	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-2	51458	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-2	51458	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-3	51459	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-3	51459	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-3	51459	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-4	51460	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-4	51460	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-4	51460	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-5	51461	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-5	51461	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-5	51461	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-6	51462	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-6	51462	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-6	51462	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-7	51463	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-7	51463	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-7	51463	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
OLD DAIRY	MW-8	51464	W	CS	8260FA	SW5030B	06/15/05	06/17/05	06/17/05	8260-0617	1
OLD DAIRY	MW-8	51464	W	CS	CATPH-D	SW3510C	06/15/05	06/17/05	06/17/05	8015D-0617	1
OLD DAIRY	MW-8	51464	W	CS	SW8020F	SW5030B	06/15/05	06/16/05	06/16/05	8020-0616	1
LCSD-0617		BD1	CATPH-D		SW3510C	/ /		06/17/05	06/17/05	8015D-0617	1
LCS-0617		BS1	CATPH-D		SW3510C	/ /		06/17/05	06/17/05	8015D-0617	1
MB-0617		LB1	CATPH-D		SW3510C	/ /		06/17/05	06/17/05	8015D-0617	1
LCS-0616		BS1	SW8020F		SW5030B	/ /		06/16/05	06/16/05	8020-0616	1
MB-0616		LB1	SW8020F		SW5030B	/ /		06/16/05	06/16/05	8020-0616	1
51458		MS1	SW8020F		SW5030B	/ /		06/16/05	06/16/05	8020-0616	1
51458		SD1	SW8020F		SW5030B	/ /		06/16/05	06/16/05	8020-0616	1
LCS-0617		BS1	8260FA		SW5030B	/ /		06/17/05	06/17/05	8260-0617	1
MB-0617		LB1	8260FA		SW5030B	/ /		06/17/05	06/17/05	8260-0617	1
51457		MS1	8260FA		SW5030B	/ /		06/17/05	06/17/05	8260-0617	1
51457		SD1	8260FA		SW5030B	/ /		06/17/05	06/17/05	8260-0617	1

EDFSAMP: Error Summary Log

06/20/05

Error type	Logcode	Projname	Npdilwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

06/20/05

Error type	Labsampid	Qccode	Anicode	Exicode	Anadate	Run number
There are no errors in this data file					/ /	0

EDFRES: Error Summary Log

06/20/05

Error type	Labsampid	Qccode	Matrix	Anncode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	51457	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51457	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51457	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51457	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51457	CS	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	51457	CS	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51457	CS	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51457	MS1	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51457	MS1	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51457	SD1	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51457	SD1	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51458	SD1	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51458	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51458	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51458	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51458	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51458	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51458	CS	W	SW8020F	PR	06/16/05	1	TPHC10C22
Warning: extra parameter	51458	MS1	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51458	SD1	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51459	SD1	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51459	CS	W	8260FA	PR	06/17/05	1	BR4FBZ

Error type	Labsampid	Qccode	Matrix	Anicode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	51459	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51459	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51459	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51459	CS	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	51459	CS	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51459	CS	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51460	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51460	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51460	CS	W	CATPH-D	PR	06/17/05	1	DBFM
Warning: extra parameter	51460	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51460	CS	W	SW8020F	PR	06/16/05	1	TPHC10C22
Warning: extra parameter	51461	CS	W	8260FA	PR	06/17/05	1	TFBZME
Warning: extra parameter	51461	CS	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51461	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51461	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51461	CS	W	CATPH-D	PR	06/17/05	1	DBFM
Warning: extra parameter	51461	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51461	CS	W	SW8020F	PR	06/16/05	1	TPHC10C22
Warning: extra parameter	51462	CS	W	8260FA	PR	06/17/05	1	TFBZME
Warning: extra parameter	51462	CS	W	8260FA	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51462	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51462	CS	W	CATPH-D	PR	06/17/05	1	BUNKER
Warning: extra parameter	51462	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51462	CS	W	SW8020F	PR	06/16/05	1	TPHC10C22
Warning: extra parameter	51462	CS	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51463	CS	W	8260FA	PR	06/17/05	1	TPHC5C12
Warning: extra parameter	51463	CS	W	8260FA	PR	06/17/05	1	BR4FBZ

Error type	Labsampid	Qccode	Matrix	Anicode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	51463	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51463	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51463	CS	W	CATPH-D	PR	06/17/05	1	BUNKERC
Warning: extra parameter	51463	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51463	CS	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	51463	CS	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51463	CS	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	51464	CS	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	51464	CS	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	51464	CS	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	51464	CS	W	CATPH-D	PR	06/17/05	1	MOILC24C36
Warning: extra parameter	51464	CS	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	51464	CS	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	51464	CS	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	LCS-0616	BS1	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	LCS-0616	BS1	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	LCS-0617	BS1	W	8260FA	PR	06/17/05	1	TPHC5C12
Warning: extra parameter	LCS-0617	BS1	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	LCS-0617	BS1	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	LCS-0617	BS1	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	LCS-0617	BS1	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	LCSD-0617	BD1	W	CATPH-D	PR	06/17/05	1	TPHC10C22
Warning: extra parameter	MB-0616	LB1	W	SW8020F	PR	06/16/05	1	TFBZME
Warning: extra parameter	MB-0616	LB1	W	SW8020F	PR	06/16/05	1	TPHC5C12
Warning: extra parameter	MB-0617	LB1	W	8260FA	PR	06/17/05	1	BR4FBZ
Warning: extra parameter	MB-0617	LB1	W	8260FA	PR	06/17/05	1	BZMED8
Warning: extra parameter	MB-0617	LB1	W	8260FA	PR	06/17/05	1	DBFM
Warning: extra parameter	MB-0617	LB1	W	CATPH-D	PR	06/17/05	1	TPHC10C22

EDFQC: Error Summary Log

06/20/05

Error type	Lablotctl	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

06/20/05

Error type	Cirevdate	Anmcode	Exmcode	Parlabel	Cicode
There are no errors in this data file	/ /				

Quantitation Report

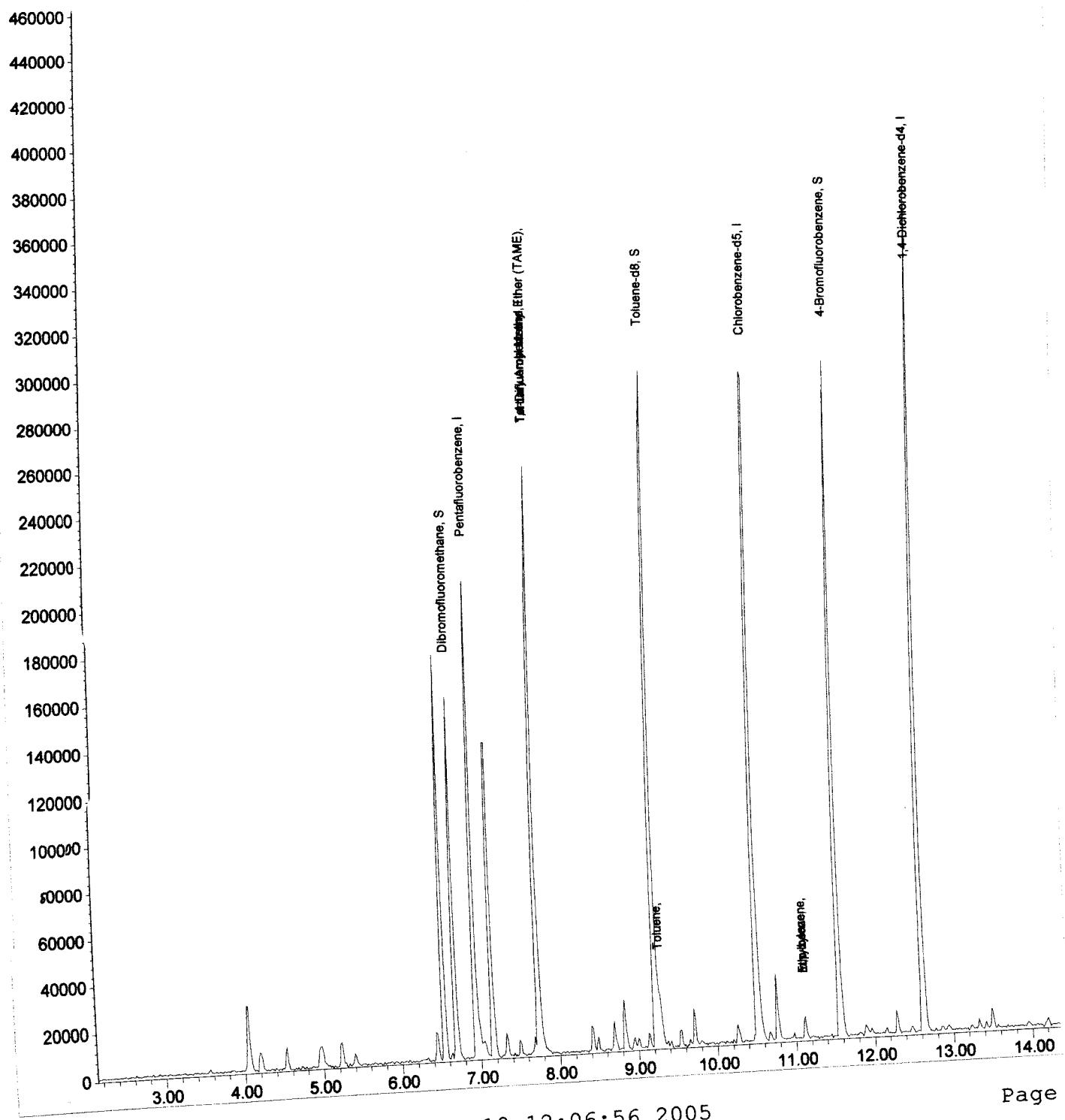
Data File : C:\HPCHEM\1\DATA\061705\S009.D
 Acq On : 17 Jun 2005 1:03 pm
 Sample : 51457 5mL
 Misc : EM = 1412 new tune, new K trap, flow = 30 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Jun 18 12:06 19105

Vial: 9
 Operator: Lynn
 Inst : GC/MS Ins

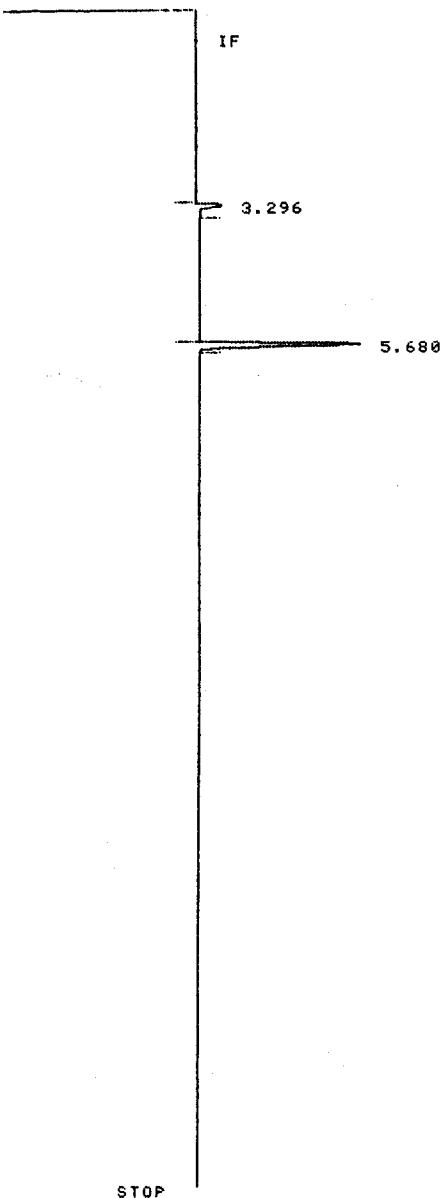
Quant Results File: OXYBTEX5.RE

Method : C:\HPCHEM\1\METHODS\OXYBTEX5.M (RTE Integrator)
 Title : 8260Mod. Oxygenate
 Last Update : Fri May 06 10:20:36 2005
 Response via : Initial Calibration

TIC: S009.D



* RUN # 114 JUN 16, 2005 14:00:59
START



51459 SmL

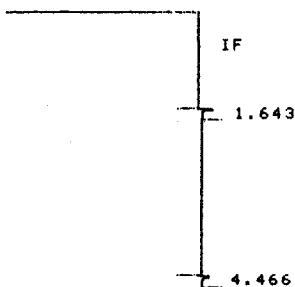
RUN# 114 JUN 16, 2005 14:00:59

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
5.680	BB	1540872	.068	377508	3R	16.131	TFT-SURROGATE B16

TOTAL AREA=1750031
MUL FACTOR=1.0000E+00

* RUN # 115 JUN 16, 2005 14:27:51
START

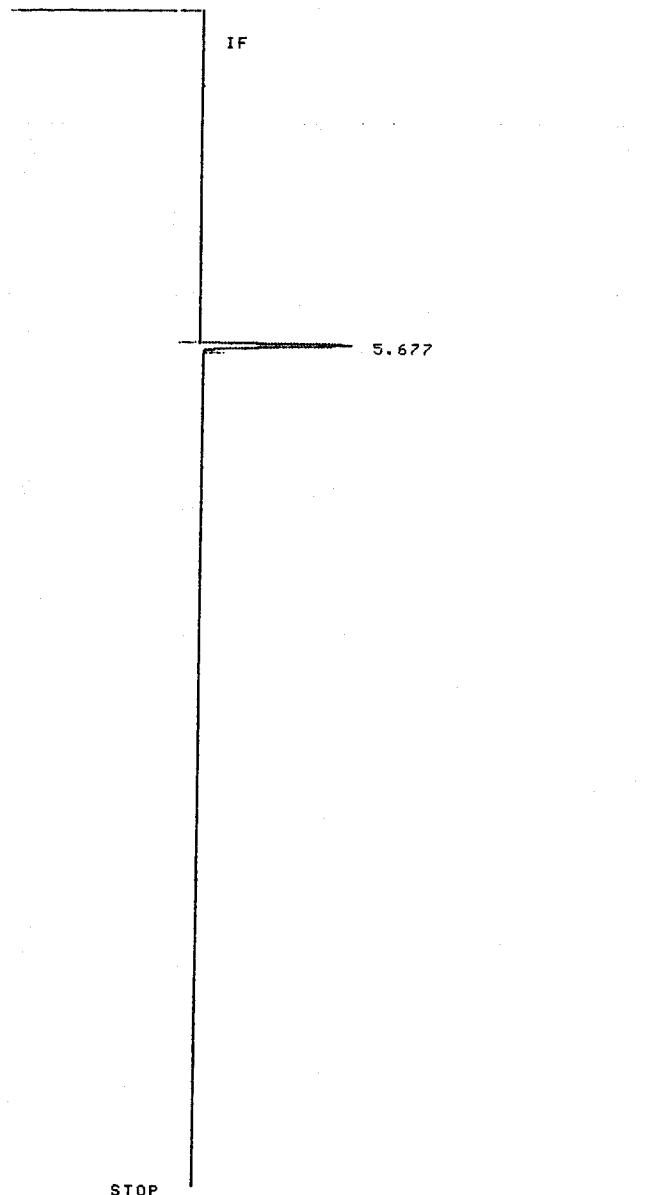


6.660	BB	2713838	.062	726324	4R	7.580	TOLUENE
6.875	PV	457359	.046	165462	6R	1.237	ETHYLBENZENE
8.180	VB	3095162	.060	855404	7R	7.557	M,P-XYLENE
8.523	BB	748521	.051	243830	8R	2.237	S-XYLENE
9.664	BB	938100	.051	306022	9R	3.589	1,3-DICHLOROBENZ
10.028	BB	20486	.017	19832	10R	.054	1,4-DICHLOROBENZ
10.257	VB	167425	.050	55469	11R	.642	1,2-DICHLOROBENZ

Set Flo atm

TOTAL AREA=1.1392E+07
MUL FACTOR=1.0000E+00

* RUN # 116 JUN 16, 2005 14:54:44
START



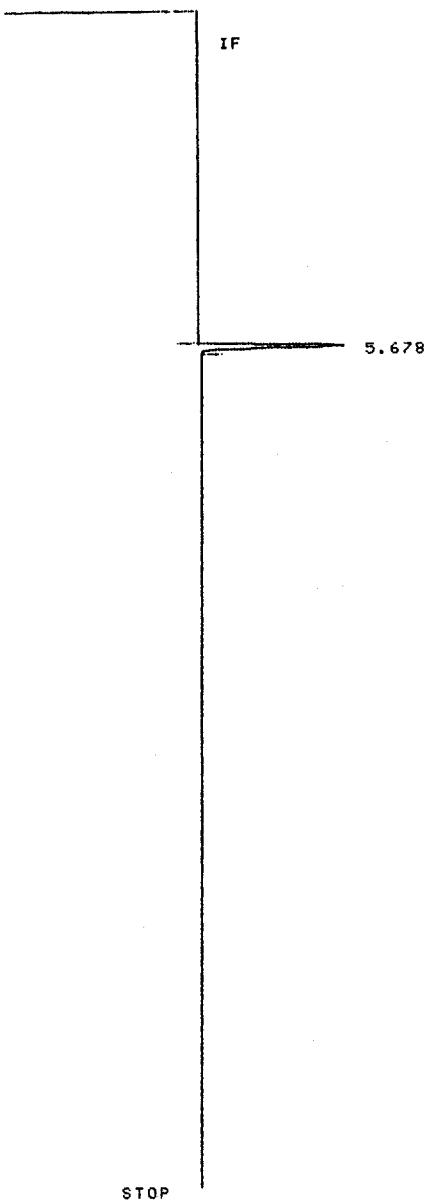
RUN# 116 JUN 16, 2005 14:54:44

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
5.677 BB	1409387	.067	349527	3R	14.755	TFT-SURROGATE 7%

TOTAL AREA=1409387
MUL FACTOR=1.0000E+00

* RUN # 117 JUN 16, 2005 15:21:36
START



ST461 Sml

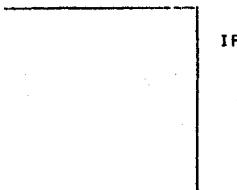
RUN# 117 JUN 16, 2005 15:21:36

ESTD-AREA

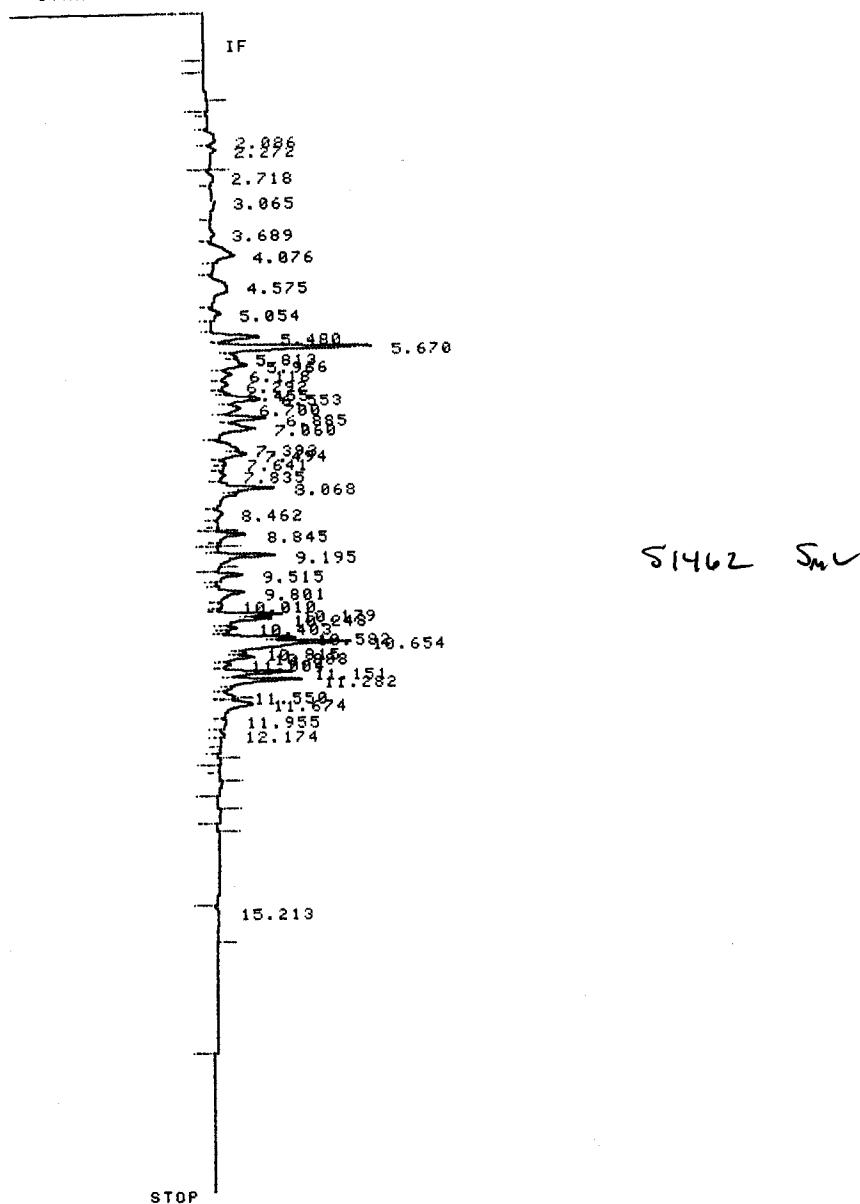
RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
5.678	BB	1341590	.067	335516	3R	14.045	TFT-SURROGATE 70%

TOTAL AREA=1341590
MUL FACTOR=1.0000E+00

* RUN # 118 JUN 16, 2005 15:48:24
START



* RUN # 44 JUN 20, 2005 13:03:56
START



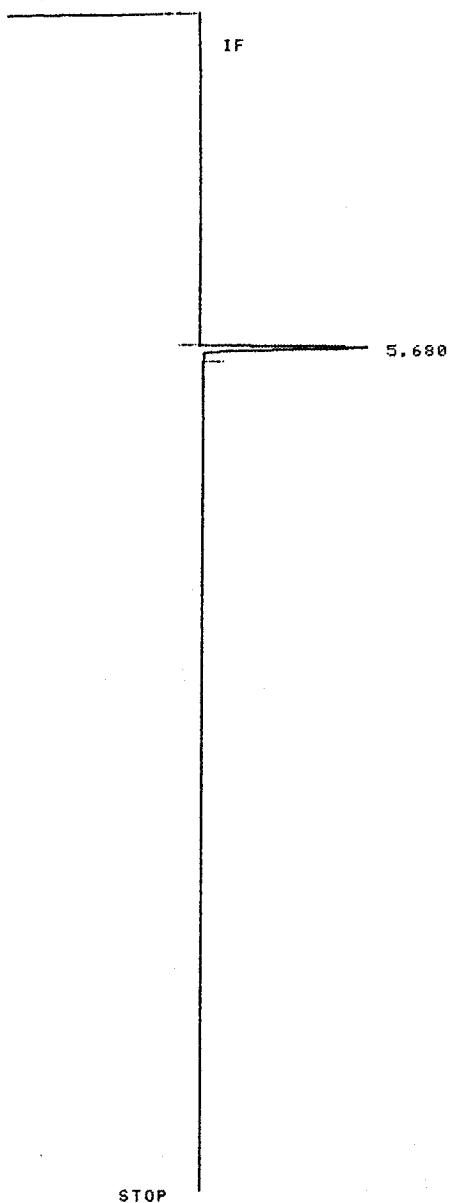
RUN# 44 JUN 20, 2005 13:03:56

ESTD-AREA							NAME
RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	
2.086	PV	233517	.167	23310	1R	3.497	MTBE AT 0%
4.575	VP	647179	.251	43020	2R	2.845	BENZENE - AT 0%
5.670	VV	1869292	.084	372389	3R	19.568	TFT-SURROGATE
6.553	VV	678652	.108	113329	4R	1.945	TOLUENE - NOT CONC-
7.835	VV	170859	.110	25898	5R	.448	CHLOROBENZENE
8.068	VV	715981	.085	140953	6R	1.937	ETHYLBENZENE - CONC BY GAS DATA
8.462	PP	93345	.089	17409	8R	.277	O-XYLENE
9.801	VV	339570	.089	63283	9R	1.247	1,3-DICHLOROBENZ
10.010	VV	30621	.046	11005	10R	.001	1,4-DICHLOROBENZ
10.248	VV	532209	.072	123725	11R	1.927	1,2-DICHLOROBENZ } M.R.

TOTAL AREA=1.8649E+07
MUL FACTOR=1.0000E+00

TOTAL AREA= 151176
MUL FACTOR=1.0000E+00

* RUN # 119 JUN 16, 2005 16:15:11
START



5463 5mL

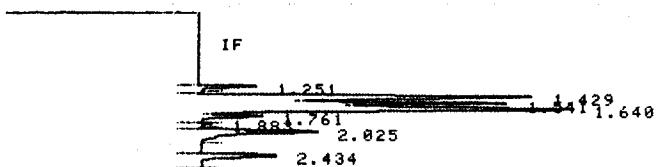
RUN# 119 JUN 16, 2005 16:15:11

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
5.680	BB	1561717	.068	384730	3R	16.349	TFT-SURROGATE 821

TOTAL AREA=1561717
MUL FACTOR=1.0000E+00

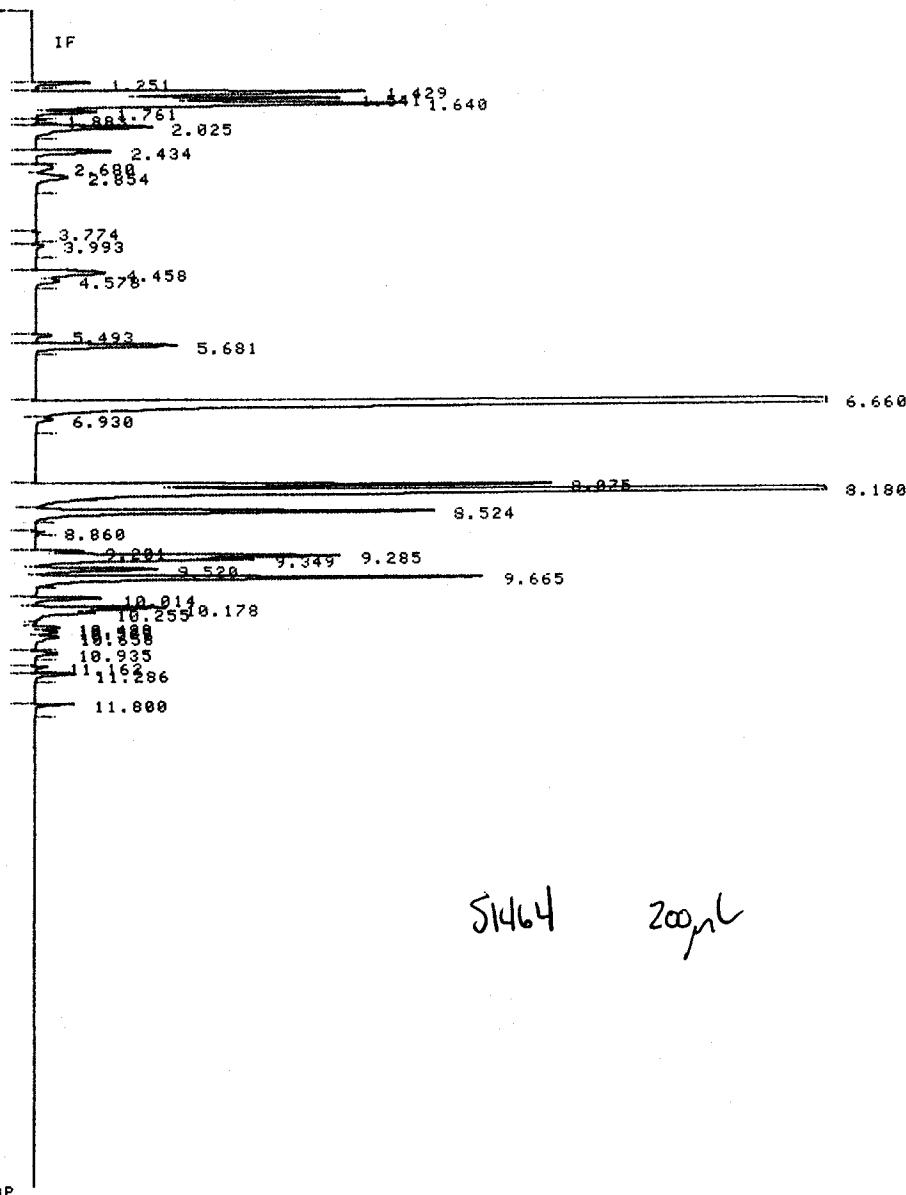
* RUN # 120 JUN 16, 2005 16:41:57
START



RT	TYPE	HREH	WIDTH	HEIGHT	CAL#	PPB	NAME
5.680	BB	1561717	.068	384730	3R	16.349	TFT-SURROGATE

TOTAL AREA=1561717
MUL FACTOR=1.0000E+00

* RUN # 120 JUN 16, 2005 16:41:57
START



RUN# 120 JUN 16, 2005 16:41:57

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
2.025	BB	1178129	.071	275028	1R	14.297	MTBE AT 0%
4.458	BV	793121	.079	167300	2R	2.909	BENZENE-
5.681	BB	1368160	.068	333973	3R	14.323	TFT-SURROGATE
6.660	PB	29966848	.061	8183866	4R	83.430	TOLUENE -
8.075	PV	2864824	.042	1148855	6R	7.818	ETHYLBENZENE -
8.180	VB	19484480	.058	5564515	7R	43.958	M,P-XYLENE }
8.524	BB	3411066	.061	925650	8R	9.853	O-XYLENE -
9.665	VB	3781450	.060	1042323	9R	13.541	1,3-DICHLOROBENZ}
10.014	PP	457794	.048	159685	10R	1.286	1,4-DICHLOROBENZ}
10.178	PV	1074317	.058	308080	11R	3.990	1,2-DICHLOROBENZ}

TOTAL AREA=8.4274E+07
MUL FACTOR=1.0000E+00

MUL FACTOR=1.0000E+00

* RUN # 109 JUN 16, 2005 12:03:33
START

IF

1.032	1.244	0.840
1.532	1.958	
2.041	2.300	
2.615	2.517	
2.845		
3.173		3.340
3.682		
3.937	4.163	
4.542	4.382	
4.760		
5.285		5.520
5.67959		
5.883	6.245	
6.4398		
6.55418		
7.280		
7.74380		
7.74383		
8.03433		
8.562		
8.8526		
9.090356	9.010	9.375
9.3517		
10.068		
10.263	100.3781	
10.526		
10.950		
11.195		

SNS7 SmL

IF

TIMETABLE STOP

RUN# 109 JUN 16, 2005 12:03:33

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.340 HM	7373	.067	1838	1R	23.521	TFT-SURROGATE 184
7.800 ++	37695	.062	10120	2R	86.288	GAS

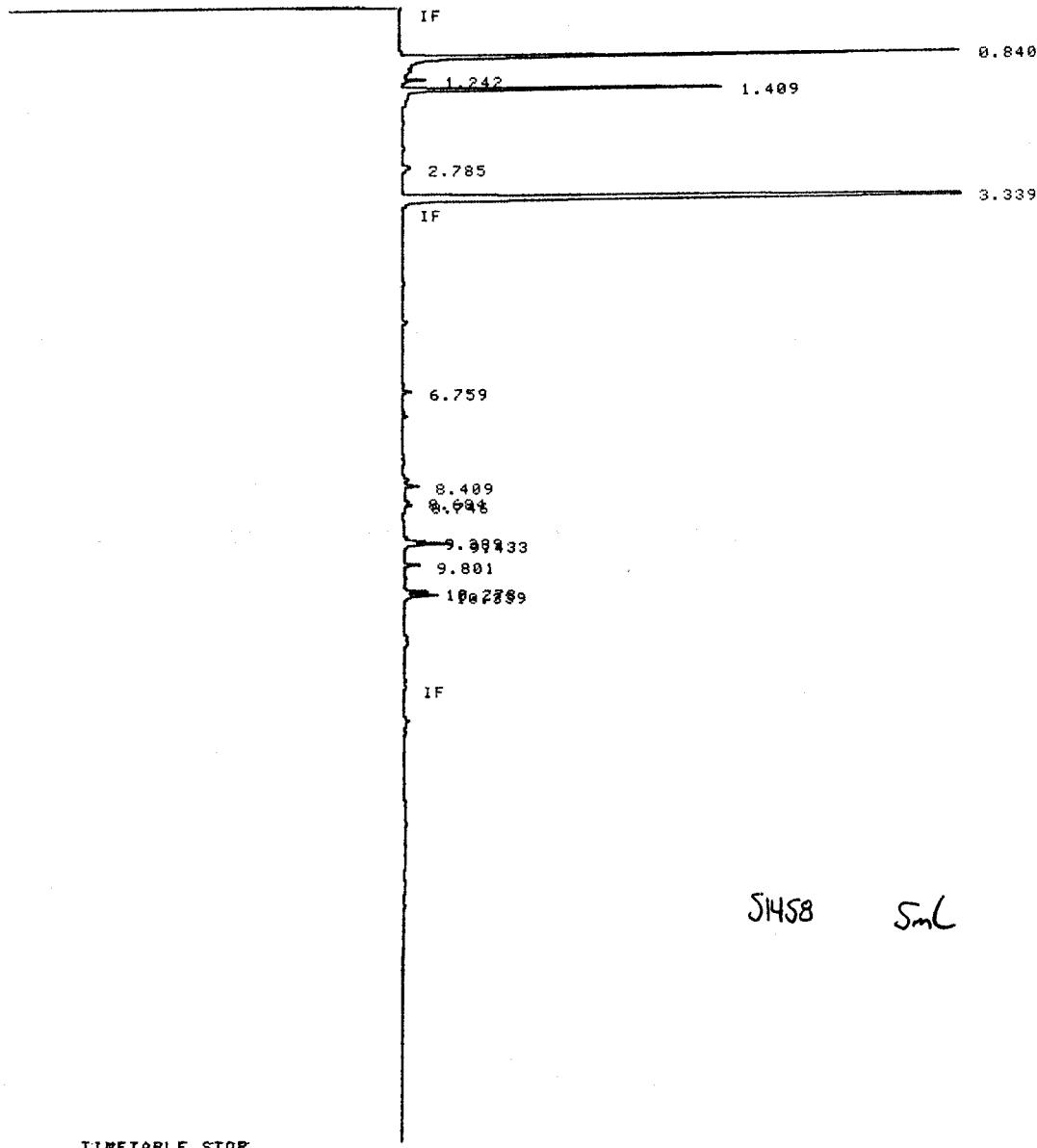
TOTAL AREA= 65779
MUL FACTOR=1.0000E+00

* RUN # 110 JUN 16, 2005 12:30:22
START

IF

1.242	1.409	0.840
-------	-------	-------

* RUN # 110 JUN 16, 2005 12:30:22
START



RUN# 110 JUN 16, 2005 12:30:22

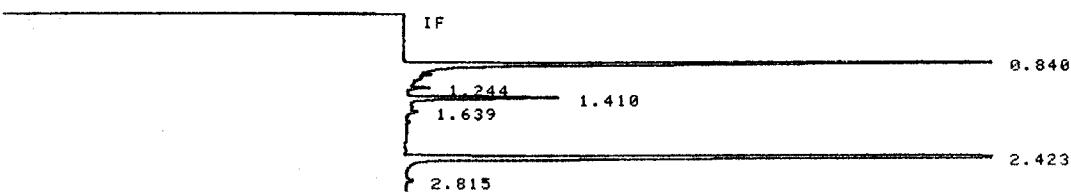
ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.339 BH	7512	.065	1930	1R	23.965	TFT-SURROGATE 120/
7.800 I ++	1092	.039	465	2R	2.996	GAS

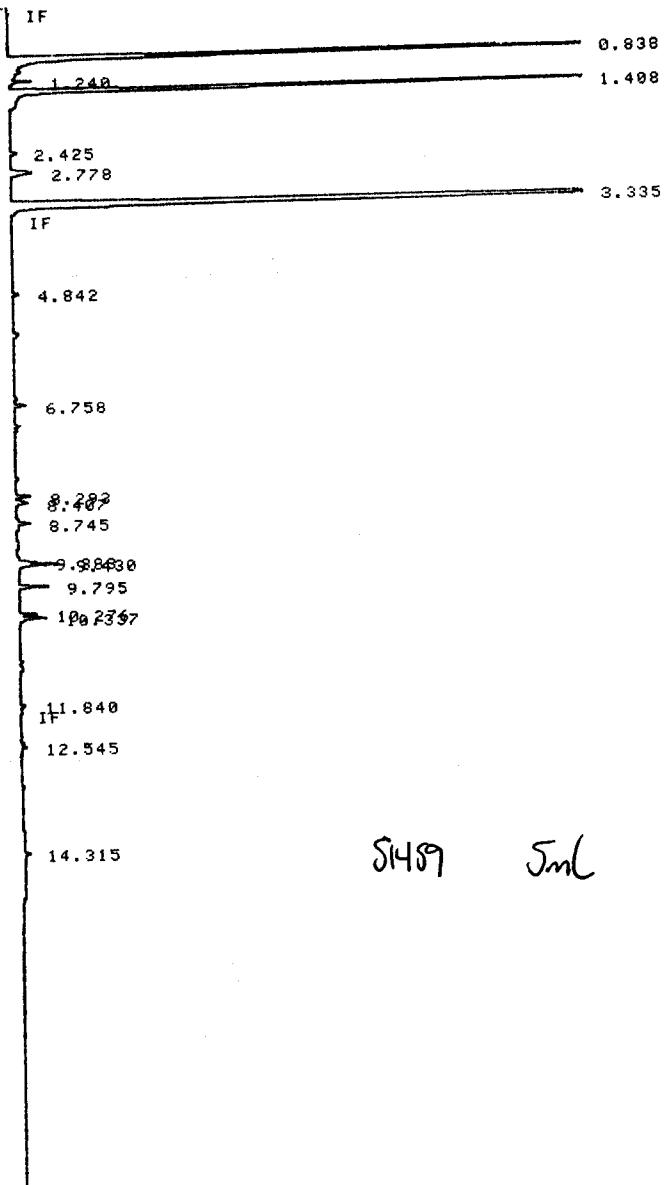
<PPBS

TOTAL AREA= 13868
MUL FACTOR=1.0000E+00

* RUN # 111 JUN 16, 2005 12:57:11
START



* RUN# 114 JUN 16, 2005 14:17:43
START



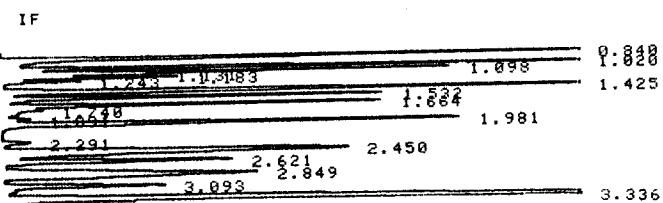
RUN# 114 JUN 16, 2005 14:17:43

ESTD-AREA		AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.335	NH	7934	.065	2019	1R	25.315	TFT-SURROGATE 127%
7.800	I ++	1257	.042	494	2R	3.448	GAS

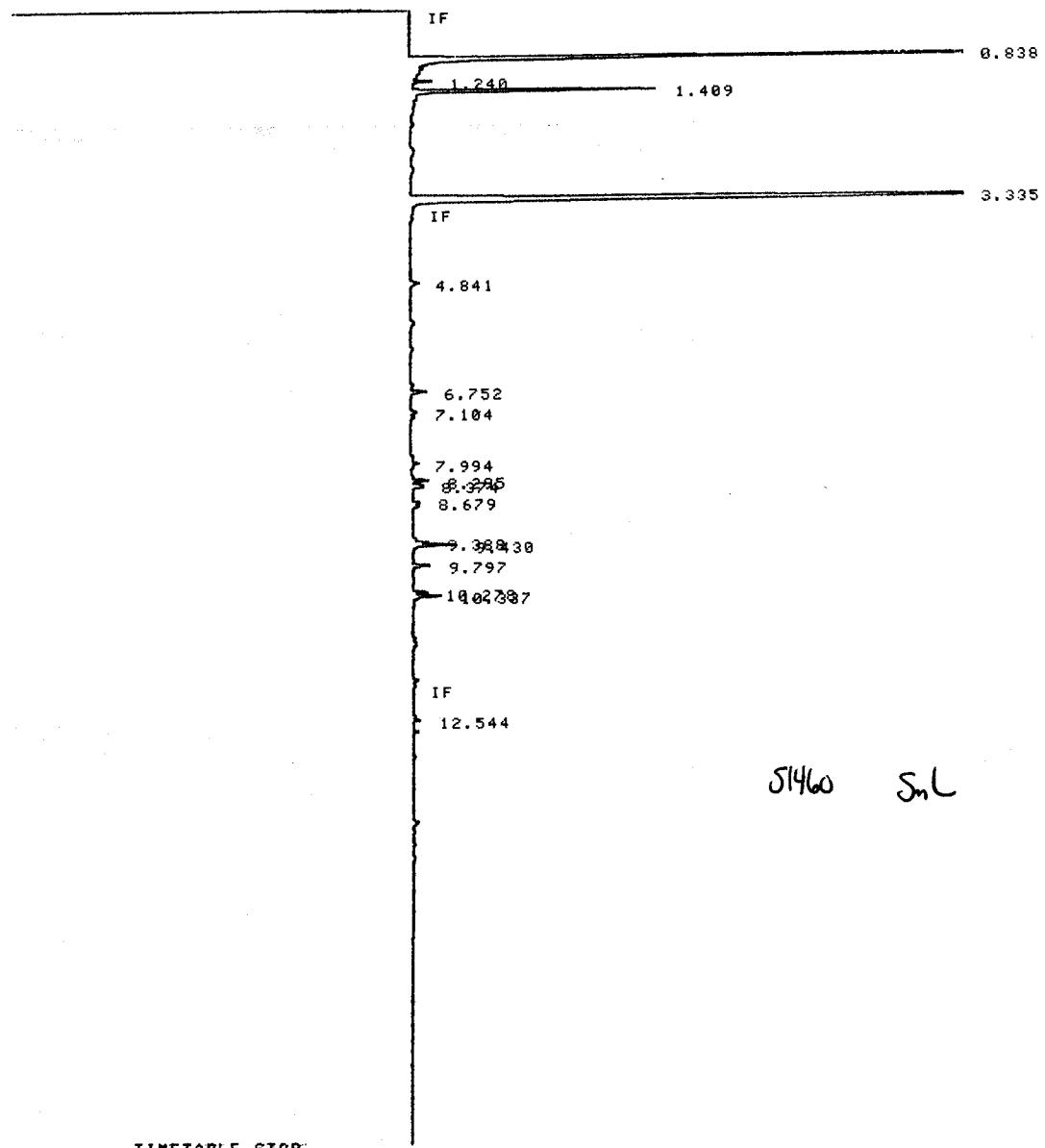
<50ppb

TOTAL AREA= 19604
MUL FACTOR=1.0000E+00

* RUN # 115 JUN 16, 2005 14:44:35
START



* RUN # 116 JUN 16, 2005 15:11:28
START



TIMETABLE STOP

RUN# 116 JUN 16, 2005 15:11:28

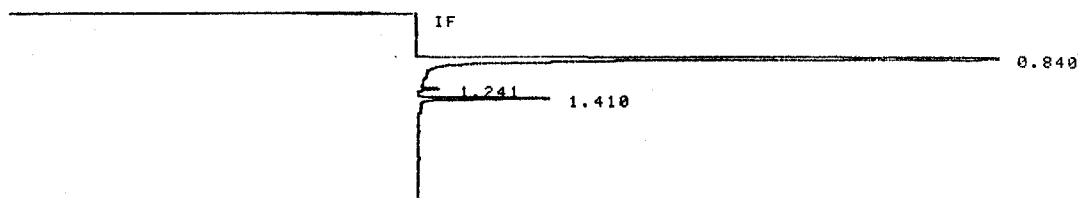
ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.335 PH	7404	.066	1871	1R	23.620	TFT-SURROGATE 48%
7.800 I ++	1235	.041	497	2R	3.368	GAS

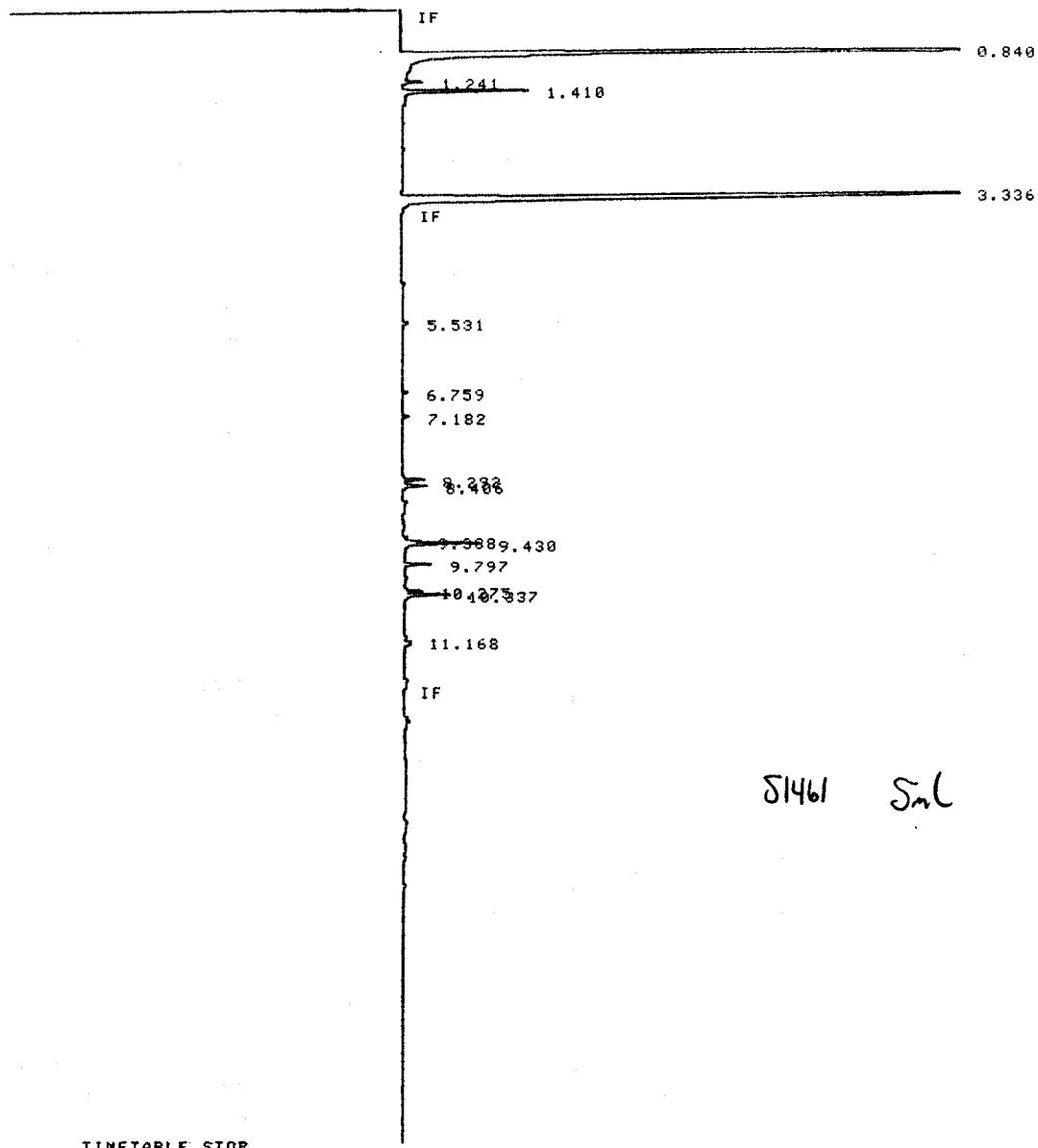
<30PPM

TOTAL AREA= 15004
MUL FACTOR=1.0000E+00

* RUN # 117 JUN 16, 2005 15:38:21
START



* RUN # 117 JUN 16, 2005 15:38:21
START



RUN# 117 JUN 16, 2005 15:38:21

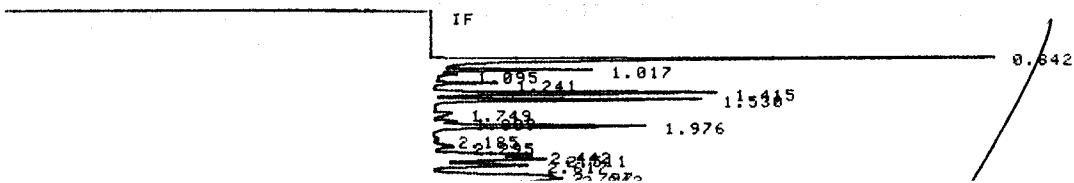
ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CALC	PPB	NAME
3.336	PH	7046	.066	1789	1R	22.475	TFT-SURROGATE H3
7.800	++	1605	.041	658	2R	4.403	GAS

50000

TOTAL AREA= 13164
MUL FACTOR=1.0000E+00

* RUN # 118 JUN 16, 2005 16:05:08
START



TOTAL AREA= 124632
MUL FACTOR=1.0000E+00

* RUN # 44 JUN 20, 2005 13:20:54
START

IF

0.840
1.024
1:533
1.686 1.247
1.686 1.094
2.129 2.297
2.615 2.510
2.615 2.279 51
3.181 3.330
3.666
3.965 4.148
4.369
4.536 4.756
5.117
5.275 5.508
5.845 5.958
6.240
6.462 6.752 6.621 41
7.272 7.521
7.702 7.891
8.207
8.555
8.693 8.6950
9.319 9.368
9.540 9.520
9.761 9.980
10.012 10.106 10.206
10.22
10.307
11.156
11.362
11.882
13.281
14.306

S1462

SMV

TIMETABLE STOP

RUN# 44 JUN 20, 2005 13:20:54

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL# PPB	NAME
3.330 HH	6787	.067	1699	1R 21.647	TFT-SURROGATE
7.800 ++	62229	.055	18753	2R 217.459	GAS

TOTAL AREA= 121799
MUL FACTOR=1.0000E+00

* RUN # 45 JUN 20, 2005 13:48:48
START

IF

0.840

* RUN # 119

JUN 16, 2005 16:31:56

START

IF

1.195	021	0.838
1.532		1.409
1.981		
2.442		
2.612		
2.792		3.336

IF 3.675

5.522	
5.990	
6.627	
7.181	
7.530	
8.089	
8.564	
9.036	
9.534	9.430
10.038	
10.527	10.335

10:322
11.169

IF

S1463 SmL

TIMETABLE STOP

RUN# 119

JUN 16, 2005 16:31:56

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.336	HH	7920	.065	2020	1R	25.270	TFT-SURROGATE 127%
7.800	++	7405	.041	2991	2R	20.314	GAS

<50PPB

TOTAL AREA= 24936

MUL FACTOR=1.0000E+00

* RUN # 120 JUN 16, 2005 16:58:42

START

IF

1.270		0.839
1.815		
2.288		1.985
2.623		2.437
2.750		5
2.904		
3.897		3.339
3.676		
3.990		
4.155		
4.366		
4.563		
5.119	4.944	4.835

TOTAL AREA= 24936
MUL FACTOR=1.0000E+00

<SDMS

* RUN # 120 JUN 16, 2005 16:58:42
START

IF

			0.839
			1.100
			1.000
			1.985
			2.437-5
			2.750
			3.339
			3.676
			4.835
			4.944
			5.119
			5.298
			5.768
			6.093
			6.871
			7.101-0
			7.530
			7.800
			8.692
			8.858
			8.968
			9.246-823
			9.309-7.684675
			9.987
			10.330
			10.725
			10.981
			11.418
			11.418

IF

51464 200mL

TIMETABLE STOP

RUN# 120 JUN 16, 2005 16:58:42

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPB	NAME
3.339	HH	7681	.069	1861	1R	24.506	TFT-SURROGATE ^{123/}
7.800	++	132393	.050	44230	2R	529.687	GAS

TOTAL AREA= 267782
MUL FACTOR=1.0000E+00

* RUN # 121 JUN 16, 2005 17:25:23
START

IF

1.823	0.840
1.243	1.400

TOTAL AREA= 50316
MUL FACTOR=1.0000E+00

RUN #10678 JUN 17, 2005 18:37:26
START

IF

ZE

5.350
6.120
6.692
7.392
8.044
8.566
9.601
10.452
~~11.732~~
~~12.392~~
13.369 3.082
14.039
15.300

18.179

51457 X

20.019
20.465
21.022
21.542
22.615
23.259
23.671
24.677

25.692
26.490
26.995
27.422
27.660
28.000
28.893

38.249.02

STOP

Error storing signal to A:Q0E27667.BNC
DISC DOES NOT EXIST

RUN# 10678 JUN 17, 2005 18:37:26

SAMPLE NAME: 51457 SAMPLE# 14
1X

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 I++	1138	.027	699	1R	4.608	DIESEL 10.000
28.000 PB	63	.150	7	2R	3.841	o-TERPHENYL

L35 PPM M.O.

TOTAL AREA= 3955
MUL FACTOR=1.0000E+00

RUN #10679 JUN 17, 2005 19:17:37
START

IF

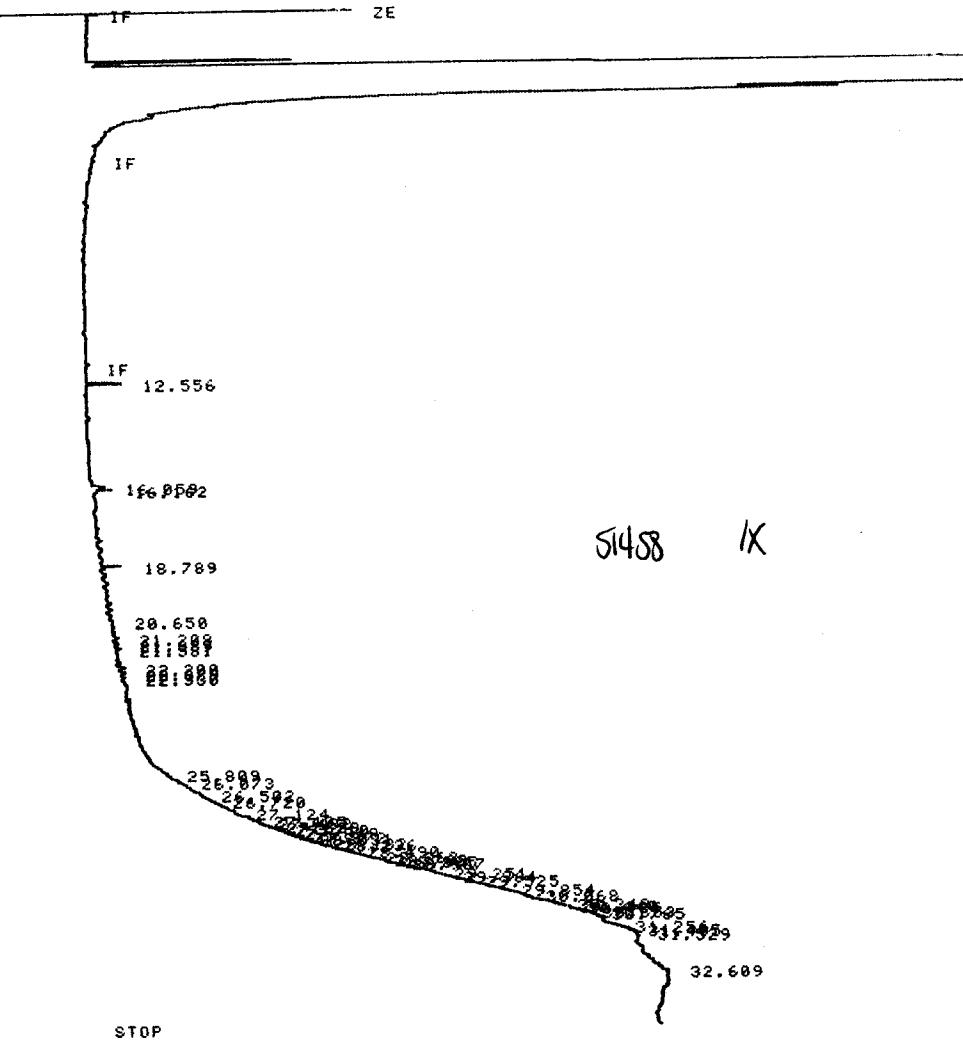
ZE

IF

L35 PPM M.O

TOTAL AREA= 3955
MUL FACTOR=1.0000E+00

RUN #10679 JUN 17, 2005 19:17:37
START



Error storing signal to A:\QBE27FD2.BNC
DISC DOES NOT EXIST

RUN# 10679 JUN 17, 2005 19:17:37

SAMPLE NAME: 51458 SAMPLE# 15
IX

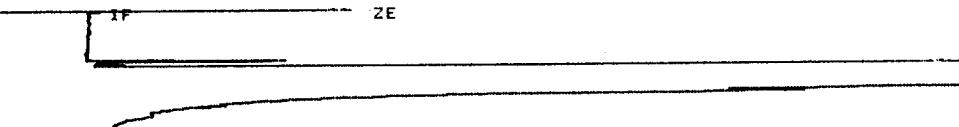
ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 ++	1114	.051	367	IR	4.511	DIESEL <i>L10PM</i>
29.251 BB	71	.197	6	2R	4.329	o-TERPHENYL

L35 PPM M.O.

TOTAL AREA= 1676
MUL FACTOR=1.0000E+00

RUN #10680 JUN 17, 2005 19:17:50
START



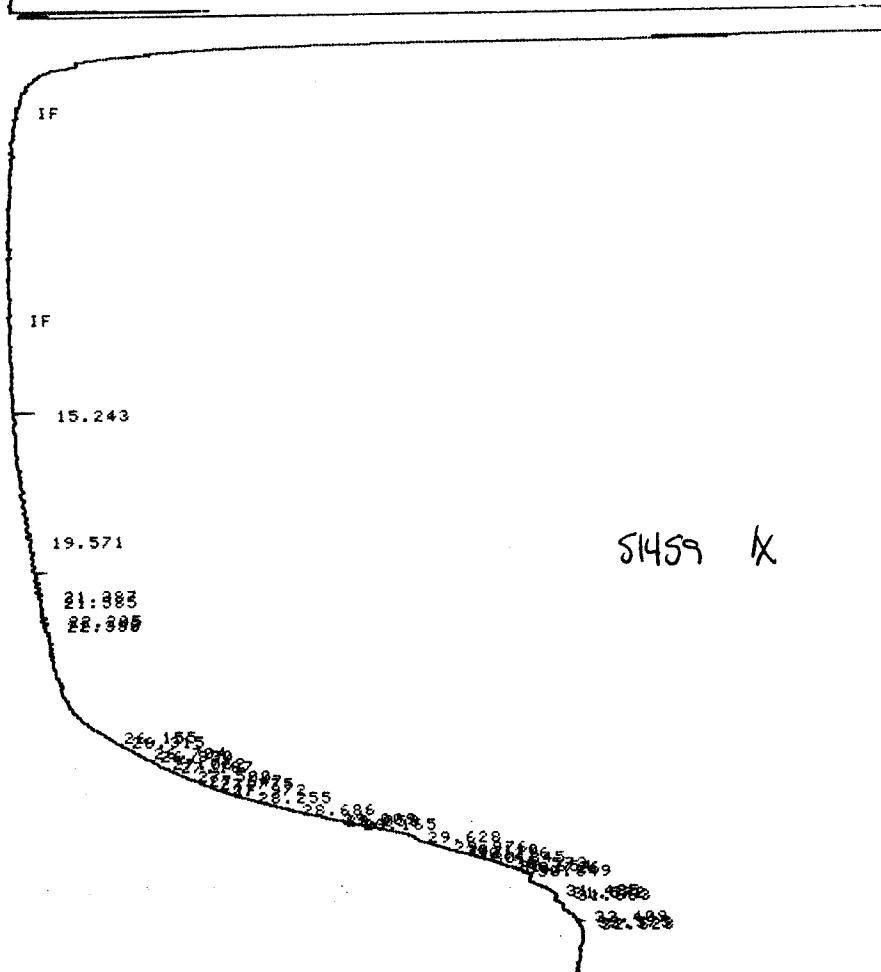
29.251 BB 71 .197 6 2R 4.329 o-TERPHENYL
235 PPM M.O.

TOTAL AREA= 1676
MUL FACTOR=1.0000E+00

RUN #10680 JUN 17, 2005 19:57:50
START

IF

ZE



Error storing signal to A:\Q0E2B93F.BNC
DISC DOES NOT EXIST

RUN# 10680 JUN 17, 2005 19:57:50

SAMPLE NAME: 51459 SAMPLE# 16
1X

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 ++	483	.048	168	1R	1.956	DIESEL lopply
29.628 BB	250	.321	13	2R	7.143	o-TERPHENYL

235 PPM M.O.

TOTAL AREA= 1345
MUL FACTOR=1.0000E+00

RUN #10681 JUN 17, 2005 20:37:58
START

IF

ZE

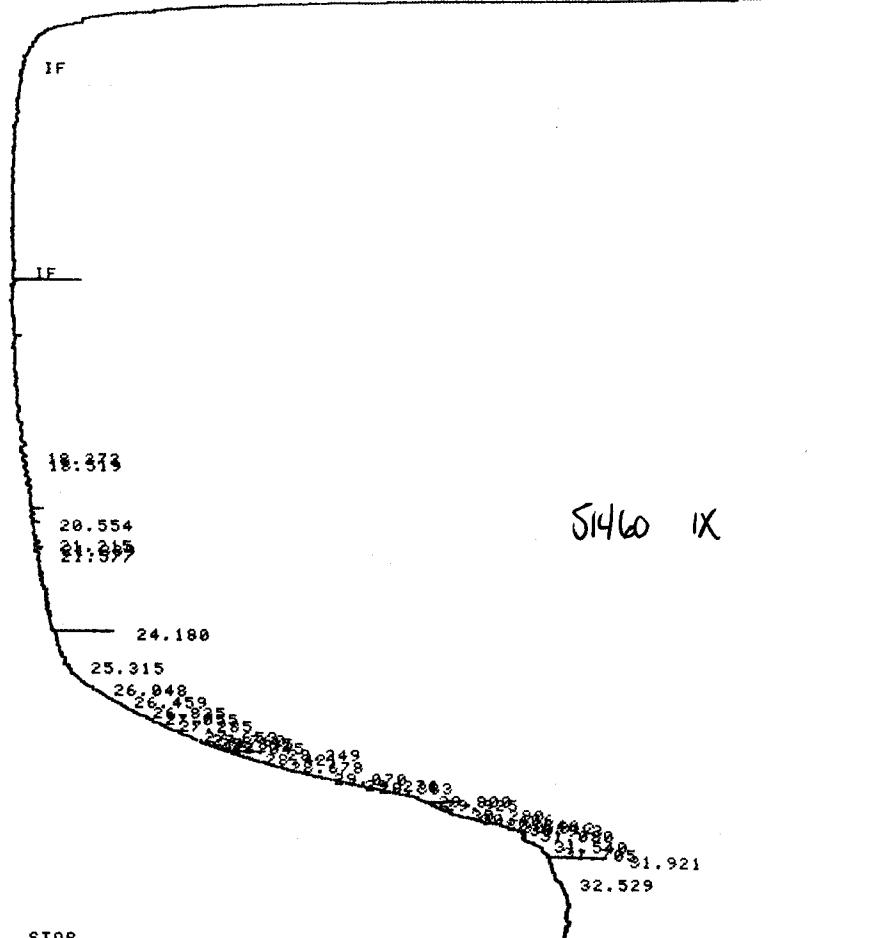
TOTAL AREA= 1345
MUL FACTOR=1.0000E+00

RUN #10681 JUN 17, 2005 20:37:58

START

IF

ZE



Error storing signal to A:Q0E292A7.BNC
DISC DOES NOT EXIST

RUN# 10681 JUN 17, 2005 20:37:58

SAMPLE NAME: 51460 SAMPLE# 17
IX

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 ++	429	.028	260	1R	1.737	DIESEL<10ppm
29.800 BB	220	.282	13	2R	6.760	o-TERPHENYL

L3S PPM M.O.

TOTAL AREA= 1314
MUL FACTOR=1.0000E+00

RUN #10682 JUN 17, 2005 21:18:06

START

IF

ZE

IF

TOTAL AREA= 1314
MUL FACTOR=1.0000E+00

RUN #10682 JUN 17, 2005 21:18:06
START

IP

ZE

IF

IF

19.939
20.462
21.219
22.826
23.210 23.565

51461 X

31.812
33.150
33.150

STOP

Error storing signal to A:Q0E29C0E.BNC
DISC DOES NOT EXIST

RUN# 10682 JUN 17, 2005 21:18:06

SAMPLE NAME: 51461 SAMPLE# 18
1X

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 ++	795	.039	339	1R	3.219	DIESEL <i>Collected</i>
29.909 BB	144	.267	9	2R	5.791	o-TERPHENYL

<35 ppm M.D.

TOTAL AREA= 1677
MUL FACTOR=1.0000E+00

RUN #10683 JUN 17, 2005 21:58:12
START

IP

ZE

19.081

5.881

MUL FACTOR=1.0000E+00

RUN #10683 JUN 17, 2005 21:58:12
START

IF

ZE

15.081
5.931
6.186
6.806
7.729
8.281
8.536
9.519
10.385
10.899

IF
12.570

14.268
14.732
15.5245

18.234

20.675
21.388
22.315
23.512
24.419

25.925
26.425
26.555
26.655
26.966

51462 IX

STOP

Error storing signal to A:Q0E2A574.BNC
DISC DOES NOT EXIST

RUN# 10683 JUN 17, 2005 21:58:12

SAMPLE NAME: 51462

SAMPLE# 19

IX

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 I ++	1206	.064	312	1R	4.883	DIESEL <10ppm
30.115 PB	868	2.893	5	2R	16.998	o-TERPHENYL

435 ppm M.O.

435 ppm BUNKER OIL

TOTAL AREA= 5907

MUL FACTOR=1.0000E+00

RUN #10684 JUN 17, 2005 22:38:19
START

IF

ZE

IF

6.555

RUN #10684 JUN 17, 2005 22:38:19
START

IF

ZE

IF

6.555

7.865

IF

12.555

16.042

18.975

21.395

22.895

23.223.0252

24.551

25.936

26.332

26.628

26.924

27.220

27.516

27.812

28.108

28.404

28.699

29.095

29.391

29.687

30.083

30.379

30.675

31.071

31.367

31.663

32.059

32.355

32.651

33.047

33.343

33.639

34.035

34.331

34.627

35.023

35.319

STOP

51463 IX

Error storing signal to A:Q0E2AEDC.BNC
DISC DOES NOT EXIST

RUN# 10684 JUN 17, 2005 22:38:19

SAMPLE NAME: 51463 SAMPLE# 20
IX

ESTD-AREA

RT TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000 ++	804	.043	312	1R	3.255	DIESEL<10PPM
30.090 BB	222	.529	7	2R	6.786	o-TERPHENYL

L35ppm M.O

L35ppm B.O. (BUNKER OIL)

TOTAL AREA= 1666

MUL FACTOR=1.0000E+00

RUN #10685 JUN 17, 2005 23:18:27
START

IF

ZE

6.206 5.051

5.458

6.216 6.274 6.283

7.185 7.471 7.993 7.891

MUL FACTOR=1.0000E+00

RUN #10685 JUN 17, 2005 23:18:27
START

1P ZE

6.265 5.051 5.458
6.274 6.0834
8.818 7.185 7.471 7.593 7.891 8.891
9.252 9.443 9.995
10.955 11.607 12.786 13.595 14.585 14.711 15.008 15.903 16.621
16.923 17.301 18.083 18.338
18.519 18.893 19.250
21.171 21.885 22.215
23.482

51464 IX

STOP

Error storing signal to A:Q0E2B044.BNC
DISC DOES NOT EXIST

RUN# 10685 JUN 17, 2005 23:18:27

SAMPLE NAME: 51464 SAMPLE# 21
IX

ESTD-AREA

RT	TYPE	AREA	WIDTH	HEIGHT	CAL#	PPM	NAME
20.000	++	297144	.044	111474	1R	662.463	DIESEL
30.129	BB	201	.134	25	2R	6.518	o-TERPHENYL

NOT DIESEL; 210PPM
SBE GAS DATA
235 PPM N.O.

TOTAL AREA=1393343
MUL FACTOR=1.0000E+00

*

Attachment C
L&A Field Data Sheets

SAMPLING NOTES

Site Name: Crescent City Dairy

Date: 6/15/05

Sampled by: KAREN Swanson

Global ID: T0601500101

MNA Site: Yes

No

Extra Equipment Needed: DO and turbidity meters.

Well/ Field Point Name	Field Pt. Status ¹	DTW (feet)	PT (feet)	Sheen (Y or N)	Total Depth (feet)	pH (pH units)	EC (uS/cm)	Temp. (°C)	D.O. mg/L	Turbidity NTUs
MW-1	ACT	3.9	-	N	13.5	6.48	199.1	16.0	0.90	60
MW-2	ACT	4.14	-	N	13.5	6.46	120.8	16.2	7.94	100
MW-3	ACT	4.22	-	P	13.5	6.35	191.8	15.7	4.67	55
MW-4	ACT	3.71	-	N	13.5	6.14	146.8	17.1	0.28	28
MW-5	ACT	3.76	-	N	13.5	6.45	451	17.9	0.16	230
MW-6	ACT	4.86	-	N	15	6.40	165.4	15.8	0.58	29
MW-7	ACT	4.91	-	N	15	6.06	143.8	15.7	0.63	50
MW-8	ACT	3.76	-	N	15	7.28	632	16.1	0.30	13

PT=Product thickness,

¹ ACT -Active; DRY - dry; NOACC - currently no access to well; INACT - well not included in gw monitoring program; DEST - Destroyed; AB - Abandoned but not destroyed.

Comments

Full Drums: Need Drum: _____

Notes: Use Shasta Analytical. Take multiple field readings. Test DO and turbidity.

Problems Encountered:

Old Dairy, Crescent City, California (Global ID: T0601500101)

Date 6/15/05 Sampled by KARL SWANSON

MW-1

Depth to water: 3.91 Dissolved Oxygen (mg/L) 0.90 Turbidity (NTUs) 60

Total Depth of Well (feet): 13.5

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1455	6.45	16.1	194.7
1500	6.45	16.0	197.8
Stabilized Values			
1505	6.48	16.0	199.1

MW-2

Depth to water: 4.14 Dissolved Oxygen (mg/L) 7.94 Turbidity (NTUs) 100

Total Depth of Well (feet): 13.5

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1310	6.48	17.1	120.5
1315	6.47	16.3	120.6
Stabilized Values			
1320	6.46	16.2	120.8

MW-3

Depth to water: 4.22 Dissolved Oxygen (mg/L) 4.67 Turbidity (NTUs) 55

Total Depth of Well (feet): 13.5

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1335	6.32	17.0	191.2
1340	6.31	15.9	190.3
Stabilized Values			
1345	6.35	15.7	191.8

MW-4

Depth to water: 3.71 Dissolved Oxygen (mg/L) 0.28 Turbidity (NTUs) 28

Total Depth of Well (feet): 13.5

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1220	6.15	17.2	142.3
1225	6.09	16.9	134.8
Stabilized Values			
1230	6.14	17.1	146.8

MW-5Depth to water: 3.76 Dissolved Oxygen (mg/L) 0.16 Turbidity (NTUs) 230

Total Depth of Well (feet): 13.5

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1150	6.26	19.0	440
1155	6.40	18.5	453
Stabilized Values			
1201	6.45	17.9	451

MW-6Depth to water: 4.86 Dissolved Oxygen (mg/L) 0.58 Turbidity (NTUs) 29

Total Depth of Well (feet): 15

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1405	6.34	16.8	175.9
1410	6.33	15.8	169.0
Stabilized Values			
1415	6.40	15.8	165.4

MW-7Depth to water: 4.91 Dissolved Oxygen (mg/L) 0.63 Turbidity (NTUs) 50

Total Depth of Well (feet): 15

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1430	6.10	16.3	144.8
1435	6.15	15.9	143.9
Stabilized Values			
1445	6.06	15.7	143.8

MW-8Depth to water: 3.76 Dissolved Oxygen (mg/L) 0.30 Turbidity (NTUs) 13

Total Depth of Well (feet): 15

Time	pH (pH Units)	Temp. (°C)	EC (uS/cm)
1240	7.50	16.3	686
1245	7.32	16.3	659
Stabilized Values			
1250	7.28	16.1	632

Observations: _____

Full Drums: _____ Need Drum? _____